

Drug risks

A common diabetes drug has been linked to deadly side effects.

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Building community

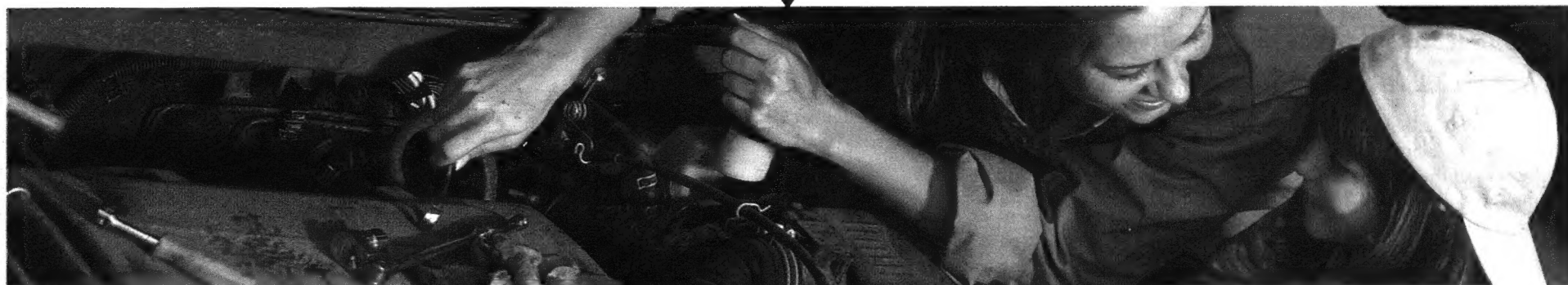
U of A program celebrates volunteers.

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Mice are nice

Linda McLure has friends in low places.

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UNIVERSITY OF ALBERTA

folio

Volume 43 Issue 10

JANUARY 20, 2006

<http://www.ualberta.ca/folio>

Climate change devastating Latin American frogs

Amphibian disease epidemic linked to global warming

By Phoebe Dey

A University of Alberta scientist is part of an international research team proving, for the first time, that global warming is behind an infectious disease epidemic wiping out entire frog populations and forcing many species to extinction.

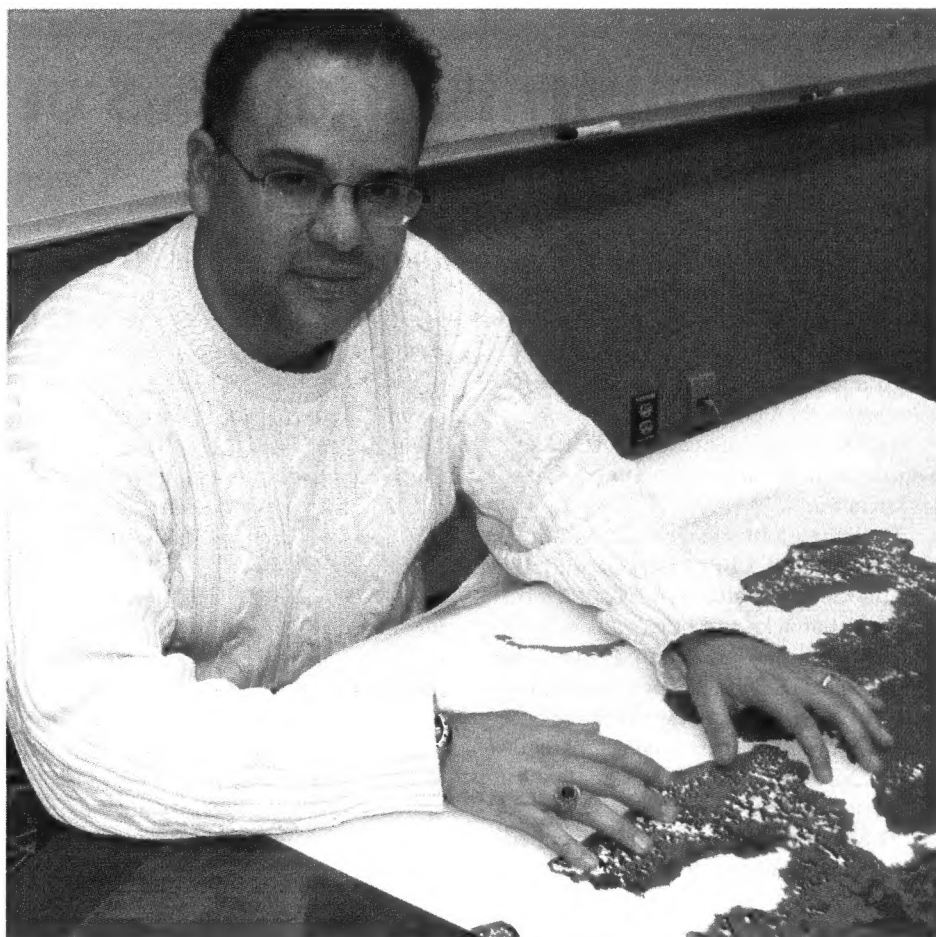
"There is absolutely a linkage between global warming and this disease – they go hand-in-hand," said Arturo Sanchez-Azofeifa, a professor in the U of A's Department of Earth and Atmospheric Sciences and co-author of a research paper appearing in the current edition of the prestigious journal *Nature*.

Sanchez-Azofeifa worked with an international research team led by Dr. Alan Pounds from Costa Rica's Monteverde Cloud Forest Preserve and Tropical Science Centre. Accounting for such things as deforestation, the scientists investigated how the Monteverde harlequin frog vanished along with the golden toad 17 years ago from the mountains of Costa Rica. The researcher says about 67 per cent of the 110 species of the harlequin frog, which only existed in the American tropics, have met the same fate due to a pathogenic fungus called *Batrachochytrium dendrobatidis*.

The researchers discovered that between 1975 and 2000, air temperature for the tropics increased by 0.18 degrees per decade, triple the average rate of warming for the 20th Century. The paper states this warming has reduced mist frequency at Monteverde by raising the heights of cloud formation which may promote the survival, growth and reproduction of the fungi.

After analyzing the relationship and timing between the demise of the species and the changes in surface and air temperatures, the scientists conclude "with high confidence," that large-scale warming is a key factor in the disappearance of many of the amphibian populations present in cloud forest environments.

"With this increase in temperature, the bacteria has been able to increase its niche and wipe out large populations of amphibians in the Americas," said



Dr. Arturo Sanchez-Azofeifa pores over maps of Costa Rica, where the Monteverde harlequin frog vanished along with the golden toad 17 years ago. About 67 per cent of the 110 species of the harlequin frog have met the same fate due to a pathogenic fungus called *Batrachochytrium dendrobatidis*.

Sanchez-Azofeifa, who analyzed satellite images to extract deforestation rates and forest cover extent data used on the modelling component of the study.

"Once a species is gone we can't do much to bring it back. What we need to do is worry about what will be happening in the future. How many species in tropical environments are going to disappear before people realize how serious climate change is? This is not an esoteric thing that is only important to the scientific community – it affects all of us. We are showing that there are real consequences to inaction."

The study comes at a time of growing concern about the future of amphibians.

The Global Amphibian Assessment, published in 2004, found that nearly one-third of the world's 6,000 or so species of frogs, toads, and salamanders are threatened with extinction – a figure that is far greater than that for any other group of animals.

"When we talk about climate change, there is so much focus on industrialized countries, but people are ignoring other ecosystems that may be extremely sensitive to climate change, such as dry and cloud forest environments," said Sanchez-Azofeifa. "Its impact goes beyond what we can observe here in Canada and the north, and the situation is obviously very grave." ■

U of A creates chair in Islamic Studies

By Richard Cairney

The University of Alberta is establishing Canada's first endowed chair in Islamic Studies, with the help of \$1 million pledged by the Edmonton Council of Muslim Communities and matching funding from the government of Alberta.

It's fitting that the first such chair be established in Edmonton, Dean of Arts Dr. Daniel Woolf said during a ceremony to announce the new chair Tuesday.

"Edmonton is absolutely the place for this to have happened – in 1938, the first Mosque in Canada opened in Edmonton," he said.

The U of A Faculty of Arts will also contribute \$1 million to the endowment, and Woolf said the chair holder could be hired as early as July of this year. So far, the position has garnered international interest, but won't be filled until the right candidate is found, he said.

Work on establishing the chair began with the creation of the Edmonton Council of Muslim Communities (ECMC), said Larry Shaben, who chairs the council, which represents some 35,000 Muslims living in the greater Edmonton region.

"Gaining knowledge and education have always been important principles in Islam since the earliest days of the religion," said Shaben. "Thus, we in Edmonton's Muslim community are delighted at the U of A's announcement of Canada's first endowed chair in Islamic Studies."

The ECMC and the U of A Faculty of Arts are spearheading a major fundraising campaign to secure the academic chair in perpetuity. Nearly \$200,000 was raised during Tuesday night's ceremony, bringing the total to about \$270,000, excluding the province's matching grant.

U of A President Dr. Indira Samarasekera said the creation of the new chair is a perfect fit with the university's four cornerstones of talented people, learning, discovery and citizenship, connecting communities, and skilful organization and support.

"This is truly a milestone for the U of A," she said, adding that the ECMC "has set an extraordinary standard of philanthropy and advocacy," which will enhance and enrich the U of A learning experience.

Continued on pg 2

Turmoil leading to divorce is damaging for children, study shows

One of first studies to consider quality of family life before divorce

By Phoebe Dey

A University of Alberta study suggests couples who stay in a bad relationship for the sake of the kids aren't necessarily making the right choice. The most harm to a child's mental health is done in the years before parents split up, the research shows.

"Perhaps we should pay more attention to what happens to kids in the period leading up to parental divorce, rather than directing all our efforts to helping children after the event occurs," said Dr. Lisa Strohschein, a professor in the U of A Department of Sociology.

"For example, levels of anti-social behaviour actually drop following parental divorce for kids living in highly dysfunctional families."

Her work is published in the December 2005 edition of the Journal of Marriage and Family.

Nearly one in two divorces in Canada involves dependent children. This trend brings urgency to the ongoing debate as to whether divorce is damaging to a child's mental health. Earlier studies have compared children whose parents are divorced with those in intact two-parent families, but failed to take into account the quality of family life prior to divorce.

Strohschein looked at divorce as a process, which enabled her to track its effects on child mental health before, during and after. This approach allows researchers to separate effects on child mental health that are actually due to divorce, and not to other family characteristics.

Strohschein compared children whose parents divorced between 1994 and 1998 with children whose parents remained married during that period. Statistics Canada launched the National Longitudinal Survey of Children and Youth in 1994 and continues to interview this original cohort of children every two years. The sample is made up of almost 17,000 children up to age 11, with 88.3 per cent of those participating in the third cycle of data collection.

Using that data, Strohschein found that differences in child mental health exist well before the divorce event. In other words, in 1994 – before a divorce took place – kids whose parents eventually divorced displayed higher levels of anxiety, depression and antisocial behavior than kids whose

"Perhaps we should pay more attention to what happens to kids in the period leading up to parental divorce, rather than directing all our efforts to helping children after the event occurs."

— Dr. Lisa Strohschein

parents stay married.

The study also showed that those who divorce tend to be younger and report higher levels of family dysfunction and depression, and lower levels of marital satisfaction, compared to parents who remain married. These characteristics that put them at risk of divorce are also associated with child mental health.

"Once these family characteristics were taken into account, differences in mental health at the initial interview between children whose parents divorced and children whose parents remained married, can no longer be detected," said Strohschein. "This suggests that troubled families are at risk for both divorce and child mental health problems, and calls into question the assumption that it is the divorce event that is necessarily damaging to child mental health."

In addition to these pre-existing differences, there are changes in child mental health that occur after a divorce. On average, anxiety and depression increase following parental divorce. But in some



Caitlin Crawshaw

Sociologist Dr. Lisa Strohschein says the mental health of kids suffers most in the period preceding a divorce.

highly dysfunctional families, the level of a child's antisocial behaviour drops after a divorce.

Adding one more cycle of data collection will allow researchers to track even more closely how children adjust to parental divorce over time, Strohschein said.

Her research was funded by a Social Sciences and Humanities Research Council of Canada postdoctoral fellowship and the New Investigators Network of the Canadian Institute for Advanced Research. ■

Study confirms fatal risks of common diabetes drug

Researchers find metformin safer than sulfonylurea drugs

By Geoff McMaster

A drug used by more than a quarter of Canadians with Type 2 diabetes does more harm than good, with potentially deadly effects on the heart, according to a study authored by a group of U of A researchers.

Dr. Jeffrey Johnson and his co-authors, all with the U of A Institute of Health Economics, discovered that risk of death from heart attacks and other causes increases with the amount of sulfonylurea drugs taken – called chlorpropamide, tolbutamide or glyburide – which have been a mainstay of diabetes treatment for some 40 years. Close to half a million Canadians are prescribed this class of drug.

The findings appear in the current edition of the Canadian Medical Association Journal.

Examining the health records of 6,000 diabetics in Saskatchewan between 1991 and 1999, Johnson and his team compared the use of sulfonylureas to the generic metformin, a less expensive treatment used by about 50 per cent of Type 2 diabetics. The results show that metformin is clearly the healthier choice.

"It's been debated for 40 years, so this research is really just adding to that debate," said Johnson. "We compared the types of drugs and their effect on mortality. The way we had been looking at them, we couldn't tell whether a drug like metformin...was really good, or the sulfonylureas were really bad."

The result, he says, is "a mix of both messages," but the most dramatic finding was that "the more you get of the sulfonylureas, the worse your outcomes." The study found that those taking doses as prescribed, or higher, were more likely to die than those who took less.

However Johnson does not recommend that patients on sulfonylureas stop taking the medication, only that they seek advice from a physician on their best option.

"And we think that for newly treated patients the first choice should be metformin," he said, adding that sulfonylureas should only be used as a third-line option.

"Type 2 diabetes gets worse over time, so as additional therapy is needed, it might be such that you need to choose these second or third-line therapies as add-on."

Johnson partly attributes the prevalence of sulfonylureas prescriptions to the fact that "old habits are hard to break," but also to the realities of drug marketing. "An old inexpensive drug that's generic, like metformin, doesn't have a marketing force behind it, and so its benefits are not proclaimed and marketed to prescribers as opposed to newer drugs that have patent protection," he said.

Metformin use has been increasing over the past five years, he says, "but we still see 25 to 30 per cent on older sulfonylureas drugs." He said he hopes the study will influence doctors' prescribing habits.

"Our contribution with this paper is an emphasis on the message that's already out there. We hope it helps to move people toward making better choices."

Incidence of Type 2 diabetes is sharply on the rise in Canada and much of the world, increasing at the same rate as obesity. It is caused by an intersection of genetic and environmental factors such as a "toxic lifestyle" involving unhealthy eating and inactivity, said Johnson. ■

Arts establishes Canada's first chair in Islamic Studies

Continued from pg 1

Minister of Advanced Education David Hancock, who pledged \$1 million in matching funds from the newly established Access to the Future Fund, said the chair contributes to the U of A's

position as "one of the most progressive, innovative, forward-looking universities in Canada."

Woolf was clearly delighted with the announcement of the chair, which had been

in the works for more than three years. In a world in which we are often faced with fear, intolerance and darkness, Woolf said, "a ray of light has shone down on the U of A and Edmonton today." ■

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Volume 43 Number 10

OFFICE OF THE VICE PRESIDENT
(EXTERNAL RELATIONS)
OFFICE OF PUBLIC AFFAIRS,
6TH FLOOR GENERAL SERVICES BUILDING
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Folio's mandate is to serve as a credible news source for the university community by communicating accurate and timely information about issues, programs, people and events and by serving as a forum for discussion and debate.

Folio is published 20 times per year.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in Folio do not necessarily reflect university policy. Folio contents may be printed with acknowledgement.

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Giving back

University of Alberta volunteers make time for their community

By Tom Murray

Doctoral scholar Kris Wells thinks the role of academics extends far beyond their teaching and research capabilities.

"I really think that academics, or public intellectuals – should we choose to accept that title – have responsibilities beyond the walls of the university, as well as at the university," he said.

That's not just lip service coming from Wells, a graduate student at the University of Alberta and longtime volunteer for innumerable organizations. The sort of idealism he's referring to – the notion of duties as well as rights – is at the heart of his view of community service. Edmonton is noted for its exceptional volunteers, many of whom are affiliated with the U of A.

That's why the university has its Beyond These Halls Community Service Recognition Program, which highlights dedicated U of A faculty, staff and students, whose unpaid contributions enrich both the campus and Edmonton community.

Wells' accomplishments within the Lesbian, Gay, Transgender and Queer (LGBTQ) community are a testament to this dedication: he's the Edmonton Police Service's Chief's Advisory Committee Facilitator; he's worked with Youth Understanding Youth, Edmonton's LGBTQ youth group; Wells is the co-founder of the Inside/OUT Speakers' Series, which profiles LGBTQ-related work on the university campus; and he's also co-chair of the Alberta Teachers' Association's Sexual Orientation and Gender Identity Subcommittee.

"It's kind of, in a sense, how I started with graduate studies – with a community-based perspective," said Wells. "It never left me as I pursued my studies into a master's degree and now a PhD. A lot of my work centres around taking research back into the communities that it is meant to serve."

Wells is especially proud of Camp fYre-fly, a place where LGBTQ youth can socialize in a healthy environment among their peers, but he takes all of his obligations seriously. You need proof? When many are home having supper, Wells is often still at the office.

"This is when all the real work gets done," he laughed.

It's also when he finds himself roped into more work, as people note his capacity for it.

"The more that you do, the more demands on your time," he said. "One of my resolutions this year was to learn to say no more effectively, but I guess I've already broken that."

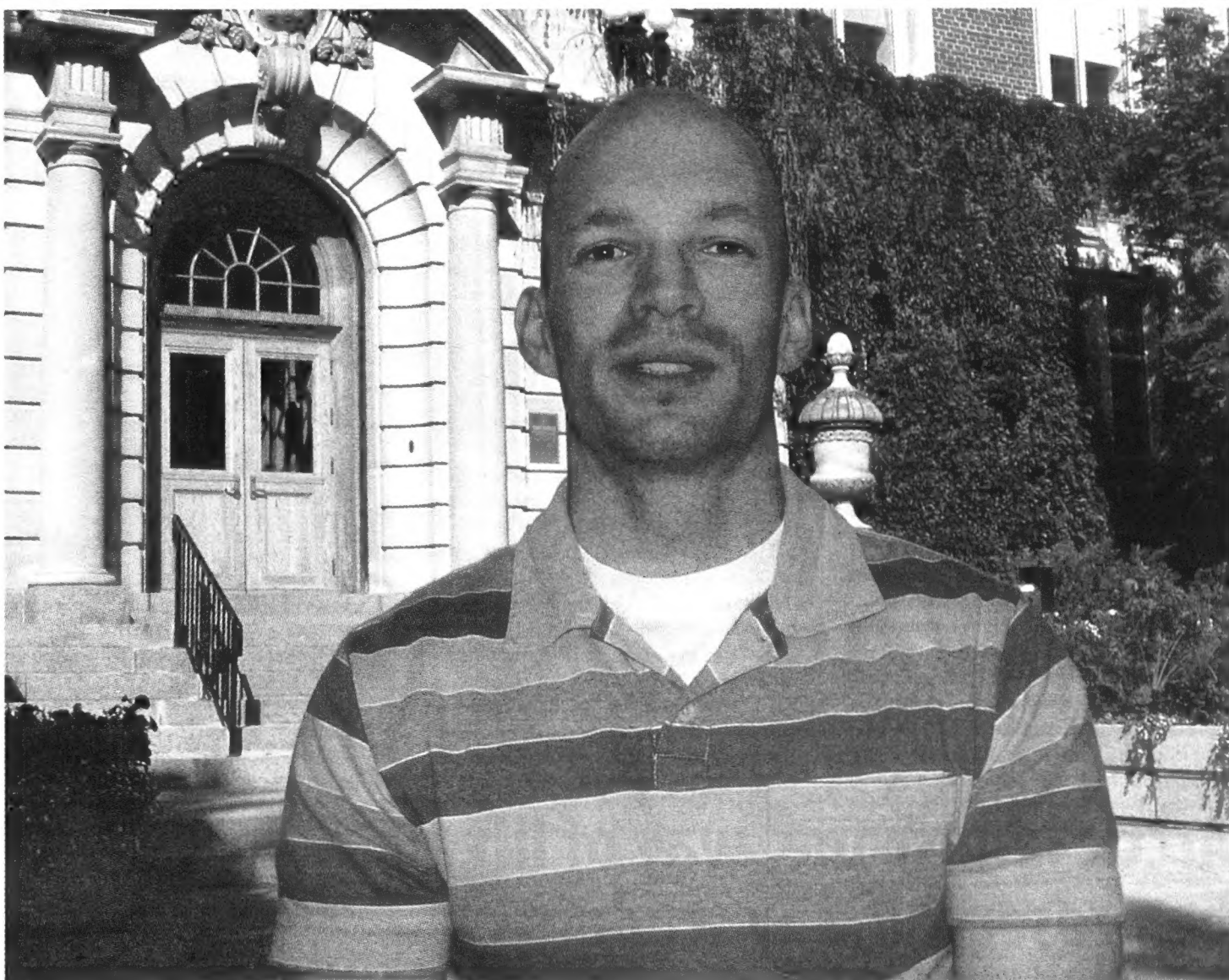
Teena Pasay is a volunteer with CKUA and a mentor with the Big Brothers Big Sisters organization. With the federal election looming, the student records co-ordinator at the Faculty of Science has taken the past month to volunteer for a candidate in her riding.

"This has been such a hectic few weeks. I can't remember if I actually ate this morning."

Pasay, a part-time student in the Grant MacEwan public relations program, is passionate about what she considers to be an integral part of her life.

"It gives you a sense of purpose – it's fulfilling," she says. "What it comes down to is I like to give back to the community and make a difference." The upcoming election is something that she takes very seriously. "I think it's important that we become politically aware. We're very privileged to live in Canada; there are people in the world who are dying for the right to vote."

Linda Abraham, an administrative assistant for the U of A Health Sciences



Kris Wells



Teena Pasay

Council, volunteers for the Sherard Musical Theatre Group, a community organization that puts shows on at Festival Place in Sherwood Park. "The name is a combination of Ardrossan and Sherwood Park," she said of the small troupe, for whom she sings, acts and dances. Abraham first got involved back in 1992, when she overheard an ad for the community organization on the radio.

The Sherard Musical Theatre Group is a small community troupe that puts on these shows simply for the joy of performance. Despite a long history at Festival Place and the occasional Fringe play, there's really no thought of turning professional. "It's the kind of organization where you have to be ready to help out," Abrahams said. "Nobody gets paid and we all chip in to do set painting and any-



Linda Abraham

thing else that needs doing."

For Dr. Dorcas Fulton, a U of A neurology professor, her day job at the Cross Cancer Institute keeps her more than a little busy. Involvement in such essential work makes for some long hours and often little time for outside interests, but Dr. Fulton is the type to make time – she's been involved with Edmonton Chamber Music Society (ECMS) for more than 20 years.

"When I moved to Edmonton in 1981, I started going to their concerts," she said. "Soon I was helping collect tickets at the door, and then, at some point, got elected to the executive. In that capacity I did publicity for awhile, and then three years ago I was elected president and have continued to be elected every year since."

Dorcas says she enjoys the time she spends on ECMS business, casually shrug-

"I guess it sometimes feels kind of overwhelming to be doing so much outside of work. But I feel it's important that we get off our couches and participate. I'm simply not a couch sitter!"

— Teena Pasay

ging off questions about time management. "They always tell me that if you want to get a volunteer to do something for you, you should always ask a person who is already busy, because they're the ones that are the most organized. That might have something to do with it. I am very busy, especially being in charge of the neurosciences block for the medical students. I'm going crazy with that," she laughed. "So, in a way the ECMS stuff is almost relaxation."

"It can seem like an awful lot of work, but if you have a vision as to what you're trying to do, you can stay focused and get it done."

These four examples are just the tip of the iceberg for university affiliated staff, students, and alumni registered with the Beyond These Halls program. It's been an unqualified success – in 2004, the university community contributed a combined total of 84,336 volunteer hours, and the current year looks to be just as impressive.

"I guess it sometimes feels kind of overwhelming to be doing so much outside of work," said Teena Pasay. "But I feel it's important that we get off our couches and participate. I'm simply not a couch sitter!"

The campus community will celebrate U of A volunteers at this year's Beyond These Halls volunteer recognition ceremony on Feb. 28 at the Telus Centre for Professional Development. Volunteers who'd like to be part of the program can submit their hours to the University of Alberta Senate by Jan. 31. ■

Former Agriculture dean dies

Dr. Ian Morrison was respected for his ethics, loved by students

By Richard Cairney

The University of Alberta community is mourning the loss of Dr. Ian Morrison. Morrison, who served as dean of the Faculty of Agriculture, Forestry, and Home Economics from 1996 - 2004, died on Jan.8 due to injuries sustained in a horseback riding accident. He was 58.

“The whole faculty is in shock, from the students on up,” said Dr. John Kennelly, a friend and colleague of Morrison’s, and his successor as dean. “He was loved by the students. He spent a huge amount of time working to connect with students and trying to build the quality of programs in the faculty.”

Morrison, a professor of agronomy and cropping systems, specialized in weed science and agronomy. He worked closely with producer associations, the provincial government and the agrichemical industry in developing improved weed control and crop management practices. Much of the pioneering research on herbicide resistance in western Canada was undertaken by Morrison and his associates.

In 1997 he and his coauthors won the Outstanding Paper in Weed Science Award for their contribution, The Evolution and Genetics of Herbicide Resistance in Agricultural Weeds. In 1999 he was elected a Fellow of the Weed Science Society of America in recognition of his contributions to the discipline in research, teaching and outreach.

Following his term as dean, Morrison served as visiting scientist at the

“We’ll remember him as a gentleman with a sense of fair play who was totally ethical. The faculty has lost a wonderful person and a dear friend.”

—Dr. John Kennelly

Agricultural Production Systems Research Unit in Toowoomba, Queensland, and was scheduled to return to teaching at the U of A this semester.

Prior to joining the U of A, Morrison was head of the Department of Plant Science at the University of Manitoba, where he specialized in crop production, primarily relating to weed control in field and forage crops.

Morrison was also an avid horseman. He and his family kept horses for pleasure riding, back-country packing and driving. He was a member of the Alberta Trail Riders Association, the Alberta Carriage Driving Association and the Alberta Equestrian Federation.

“We’ll remember him as a gentleman with a sense of fair play who was totally ethical,” said Kennelly. “The faculty has lost a wonderful person and a dear friend.”



Dr. Ian Morrison

Arctic landscape, way of life need to be preserved, say students

Consequences of climate change increasingly apparent in the North

By Caitlin Crawshaw

When he’s at home in Sachs Harbour, Northwest Territories, Vernon Amos doesn’t wear a watch. On the wide open Arctic landscape he’s been known to fish all night with fellow student Eli Nasogaluak, 23, unrestricted by the bustle of big city life.

No place compares to the Arctic hamlet, said the 25-year-old Amos, who has lived in Calgary and Sudbury, Ontario. “It’s always such a relief to come home where things are slower,” he said.

But this may not be the case forever, they explain, as the Arctic is rapidly changing. The pair visited Dr. John England’s EAS 453 class on Jan.12 to discuss how both the social and environmental landscapes of the North are changing, and to speak of their scientific work with England this past summer. England, a professor of earth and atmospheric sciences, holds the Natural Sciences and Engineering Research Council (NSERC) Northern Research Chair.

The two students of Aurora College’s Natural Resources and Technology Program worked with England to examine the history of glaciation at Banks Island, N.W.T. Their work was part of a partnership between Inuvik’s Aurora College and the U of A. As NSERC Northern Chair, his work involves making meaningful connections with northern colleges, England said.

When it comes to the ecology of the Arctic, the effects of climate change are becoming increasingly apparent, Amos said. He recalls winters of non-stop snow, without any thawing, but says these days a thaw-freeze cycle is affecting the wildlife, particularly Muskox, as rock-hard ice forms on top of the vegetation they depend upon for survival. Whereas 90,000 of the beasts once roamed the frozen island, that number has now dropped to 50,000.

While it is clear action needs to be

“[Youth] don’t realize they’re missing out on their culture.”

— Eli Nasogaluak

taken to protect the fragile ecosystem, Amos said the average person isn’t aware of the science behind the phenomenon, nor what visiting Arctic scientists are hoping to accomplish. Unlike England, most scientists do not understand or communicate with northern communities, he said.

Added to that is the problem of leadership, as many politicians aren’t equipped to educate people on the science behind climate change, nor are they aware of what visiting Arctic scientists are studying.

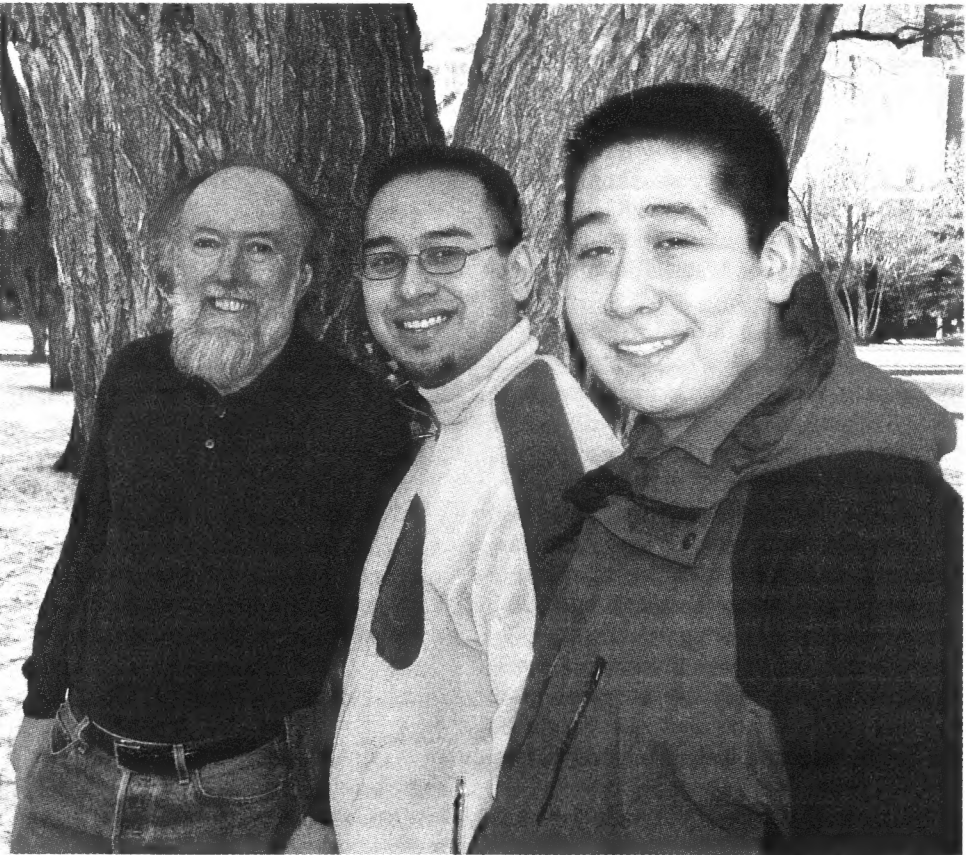
“A lot of the leaders here are former hunters and trappers,” he explained. “I don’t think they have much knowledge of science.” He added, however, that this will change as they age and hand over their leadership to a younger and more science-savvy generation.

Additionally, politicians generally support resource extraction efforts in the North, which can have very harmful environmental consequences, but an immediate economic payoff.

“There aren’t a lot of politicians trying to raise their voice against it,” said Nasogaluak. And the people are often swayed by the promise of jobs, as work can be hard to find. “People have to support families.”

Socially, the Arctic is becoming increasingly influenced by North American mass culture, Amos added.

“Pop culture is really big in the North. They’ll follow any trends – even if they’re



Northern students Vernon Amos and Eli Nasogaluak (middle, right) worked with the University of Alberta’s Dr. John England (left) on Arctic research last summer.

bad ones,” he laughed.

And as pop culture comes to the forefront, traditional ways of life are being forgotten, the two explain. Young Inuit people only a few years younger are no longer learning how to live off the land as they once did, nor learning their mother tongues.

“They don’t realize they’re missing out on their culture,” Amos said. He added that living off the land requires a set of

skills that, like playing an instrument, must be practiced to be maintained. “If you don’t practice, you get rusty.”

For England, who has spent many decades studying the North, it’s important for scientists to connect with the communities they’re studying. “There has been a gap between northern communities and southern scientists,” he said, adding that cultural insensitivity is a problem that must be overcome. ■

Composition fuses student's passion for physics and music

From Water to Ice resonates with Edmonton audience

By Tom Murray

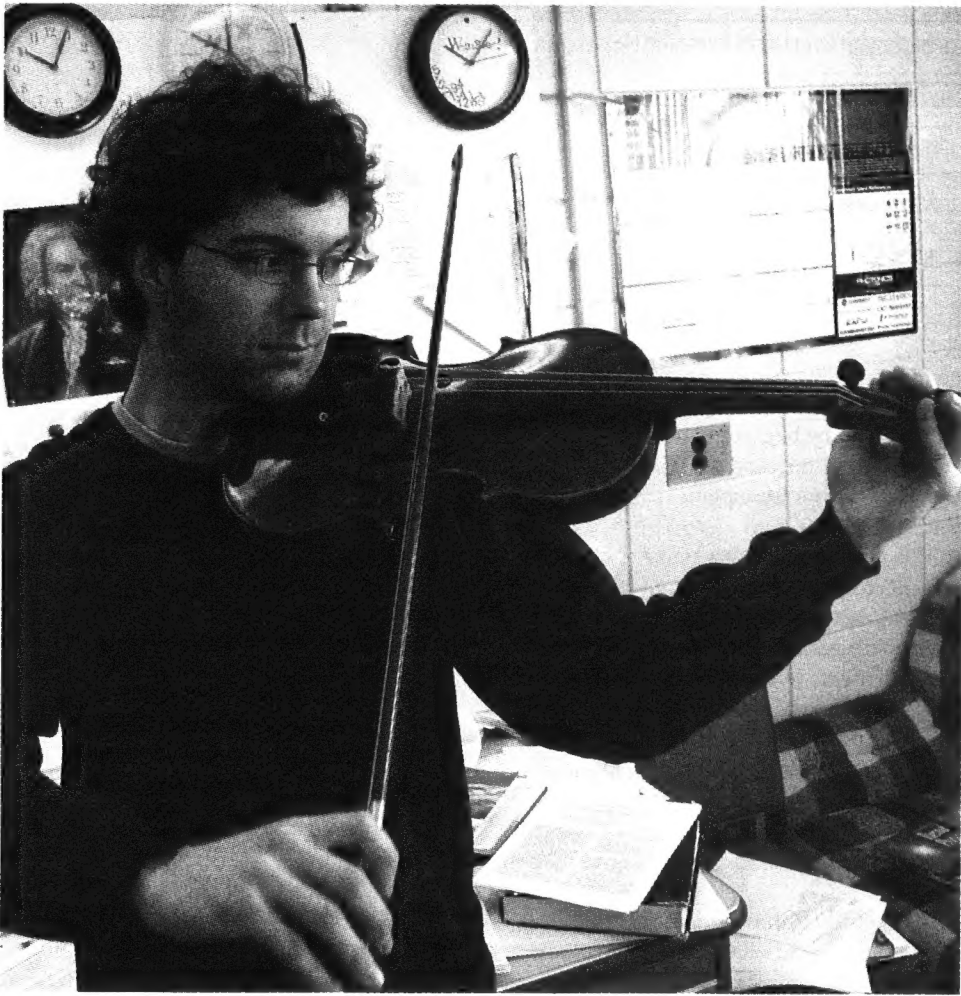
University of Alberta graduate physics student Aaron Hryciw currently has two works that consume him. First, there's his thesis: Optical Properties of Rare-Earth-Doped Silicon Nanocomposites – not the most compelling of titles, but then most papers dealing with the study of luminescence from thin film glasses containing silicon nanoparticles aren't often named to roll off the tongue. It's Hryciw's second work, a musical composition with the far more poetic title *From Water to Ice*, that has drawn attention in both the worlds of physics and music.

Commissioned last year for the World Year of Physics 2005 – an event that marked the centenary of Albert Einstein's development of the special theory of relativity – *From Water to Ice* was intentionally developed as a way to link both worlds.

Choosing the string quartet as the easiest way to get the composition done on time, Hryciw began penning a three-part structure that would contain certain mathematical equations known within the field of physics. In particular, Hryciw included the Fibonacci sequence, a series of numbers in which each number is the sum of the two previous ones.

"It was a difficult thing to make it equally about music and physics," admits Hryciw, relaxing after the last of his exams. "I couldn't choose some fancy little thing in quantum physics to describe in music. The general public wouldn't know or care about that. There's a lot of crazy physics in the piece," he chuckles, "but because of the water to ice theme, it's also immediately familiar to people in Edmonton."

It would be an understatement to say the project has been successful. *From Water to Ice* was performed by the *Borealis String Quartet* at universities across the country



Graduate student Aaron Hryciw takes a break from his physics research to play his violin.

this summer, and the musicality of the composition superseded its novelty aspect. After touring 10 cities, the quartet made its way here Nov. 17, 2005, premiering the piece at the Myer Horowitz Theatre to a sold-out audience.

"As a young composer, it's difficult

to get your work out there, so it's a great break for me to have my name across the country like this," Hryciw said. "You can't pay for this kind of publicity. I'm just hoping that sooner or later someone will ask me to write another piece."

Hryciw has been juggling his twin

"It was a difficult thing to make it equally about music and physics. I couldn't choose some fancy little thing in quantum physics to describe in music – the general public wouldn't know or care about that."

— Aaron Hryciw

passions from an early age. He comes from a musical family; his mother teaches piano and his father is a violinist for the Edmonton Symphony Orchestra. Hryciw himself is a violinist with the Academy Strings Orchestra and the University Symphony Orchestra, and he studied with Malcolm Forsyth and the late Violet Archer, two of Canada's most respected composers. Despite his scholastic workload, he's managed to sneak in some writing, penning 19 compositions, four of which were commissioned. He is currently finishing up a composition for bass clarinet and oboe.

There are no immediate plans for a recording of *From Water to Ice*, but Hryciw hopes that the country-wide success of the piece will prod someone into taking a chance on it.

"I don't think it would show up on a recording alongside works by Beethoven or anything, but possibly on a sampler of young composers? I do know that when they were travelling across Ontario in particular, Borealis said that they had a number of people come up and ask whether they had recorded the piece, or were planning on recording, so, who knows? Maybe the next time they do a CD of Canadian music, I'll be on there." ■

Creative non-fiction prof wins \$10,000 writing prize

Dr. Betsy Sargent earns this year's MacTaggart Writing Award

By Anne Bailey

It's 2 a.m. You're struggling with a term paper and cursing the professor who, you are certain, finds writing articles and reports painless. Not so, says Dr. Elizabeth (Betsy) Sargent, this year's winner of the Faculty of Arts' \$10,000 MacTaggart Writing Award – an award which recognizes excellence in essay writing.

"My first draft was at least three times as long as it was allowed be," she said. Sargent spent hours – also in the deep of the night – cutting and rewriting, looking at every sentence very closely.

"Sometimes it's really painful choosing what will be cut," Sargent said. At the same time, "the really good discipline for me is the cutting."

The end result of those hours of revision was an award winner. Entitled *Maintenance: November 1993*, Sargent's essay paints a portrait of her father at the moment when she came to the realization that he wasn't indestructible; that he might not always be able to care for his family as they'd come to expect.

"For me, what really stood out was [Sargent's] portrait and characterization of her father," said Ted Bishop, one of the judges and past winners of the award.

The competition was established in 1999 by a gift from Cécile MacTaggart. A writer and lover of travel, MacTaggart wanted to develop an award which would highlight the value of both. Each year, the writing competition alternates between undergraduate students and teaching staff in the Faculty of Arts, and the winner is given up to \$10,000 to travel to a destination of his or her choice. The 2005 competition focused on writing from faculty, and submissions on topics as diverse as family

relations and travel in Peru were received.

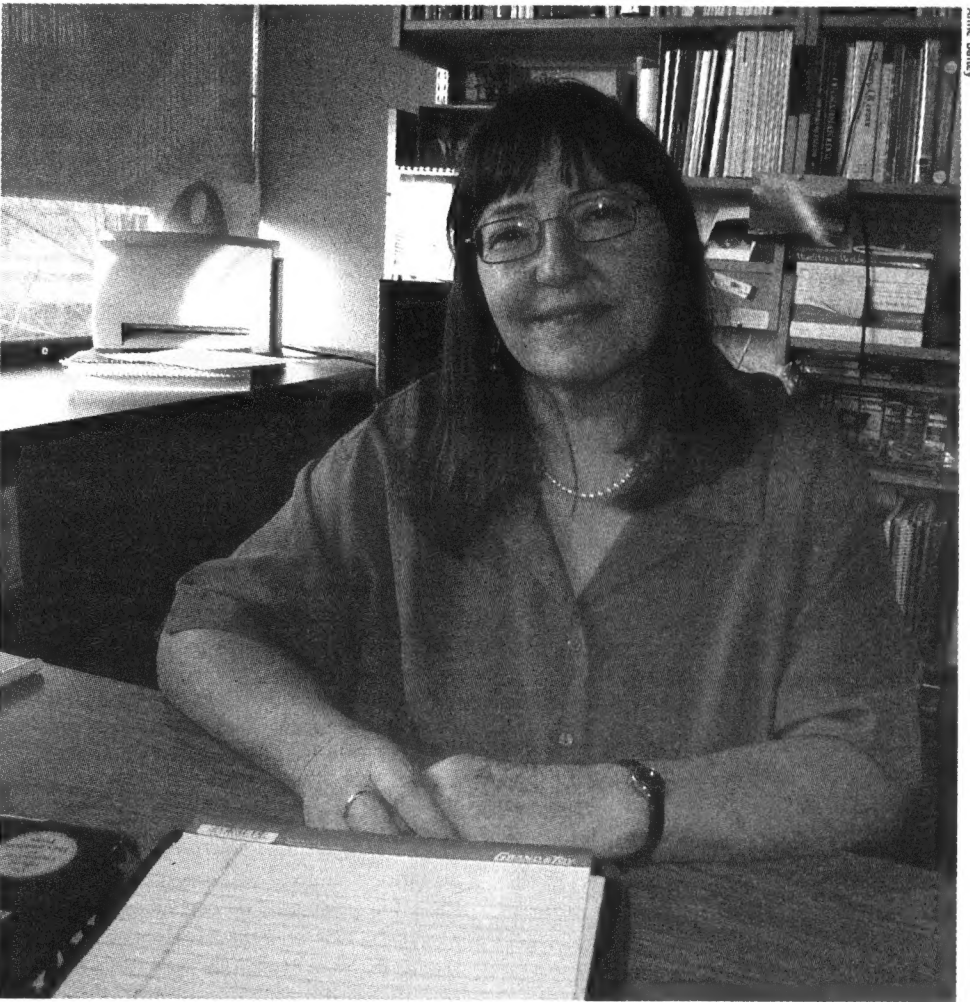
Participating in the MacTaggart Writing Award is one of the few opportunities faculty have to explore non-academic writing styles and forms. According to Sargent, a professor in the Department of English and Film Studies, "the MacTaggart award is 'cutting edge' precisely for this reason."

For Sargent, who teaches creative non-fiction, this is one of the award's greatest merits. But, she continues, it is fully in tune with the value given to creative writing on campus more generally. The U of A has a long reputation for its creative writing courses, but not everyone is aware that excellent courses in creative non-fiction, along with fiction and poetry, are available.

Co-chair of a campus-wide Writing Task Force, Sargent would love to see students being given even more opportunities to explore all kinds of writing, not only the style required by academic papers and reports. "When students are writing about what they really care about, they care much more about learning how to perfect the craft," she said.

What exotic locale does Sargent plan to visit with the proceeds of the award? As a young girl, Sargent often flipped through the pages of the *National Geographic*, a constant in her home. There she came upon pictures of Machu Picchu, an ancient city high in the mountains of Peru. Mindful of the fact that her own parents were unfortunately prevented from fulfilling dreams of post-retirement travel due to her mother's illness, Sargent wants to make the climb to Machu Picchu while she is still fit. She has invited her daughters, Molly and Hannah Wallace, along with her this May.

"This is a chance to have a once in a



Dr. Betsy Sargent has been named this year's winner of the MacTaggart Writing Award, which includes a \$10,000 travel allowance.

lifetime adventure with my two daughters. They both have busy lives and live so far away from me so this is a wonderful chance to do something together."

The 2006 MacTaggart Writing Award

will be open to all undergraduate students in the Faculty of Arts. The competition will change slightly, broadening to include short stories as well as essays, and will increase in value to \$12,000. ■

Researcher looking for ways to stop killer herpes viruses

Microbe often devastating to transplant patients and those with AIDS

By Beverly Betkowski

An astounding 90 per cent of the world's population is infected with some type of herpes virus. And while most people are healthy enough to co-exist with this invader, it is emerging as a killer, and in especially tragic circumstances.

Transplant patients who have been given a new chance at life with new livers, lungs or kidneys are common victims of the herpes virus. People undergoing cancer treatment or who have AIDS are also vulnerable.

That drove Dr. George Zahariadis from the bedside to the lab. The University of Alberta medical virologist and researcher is embarking on a two-year project to learn more about the virus and why a body weakened by transplant surgery or illness succumbs to such a common, widespread culprit.

"The viruses are not kept in check for these patients," said Zahariadis, an Alberta Heritage Foundation for Medical Research Clinical Research Fellow who is working with Dr. James Smiley in the U of A Department of Medical Microbiology and Immunology.

"Most of us live comfortable lives," he added. "The virus co-exists with us in latent form. The viruses (there are eight known herpes strains that infect humans) can cause cold sores, mononucleosis, genital herpes and chickenpox. But at the other end of the spectrum, herpes can cause severe brain infections. We think of them as nuisance viruses, but they span the whole spectrum of severity."

"Most of us live comfortable lives. The virus co-exists with us in latent form. The viruses can cause cold sores, mononucleosis, genital herpes and chickenpox. But at the other end of the spectrum, herpes can cause severe brain infections."

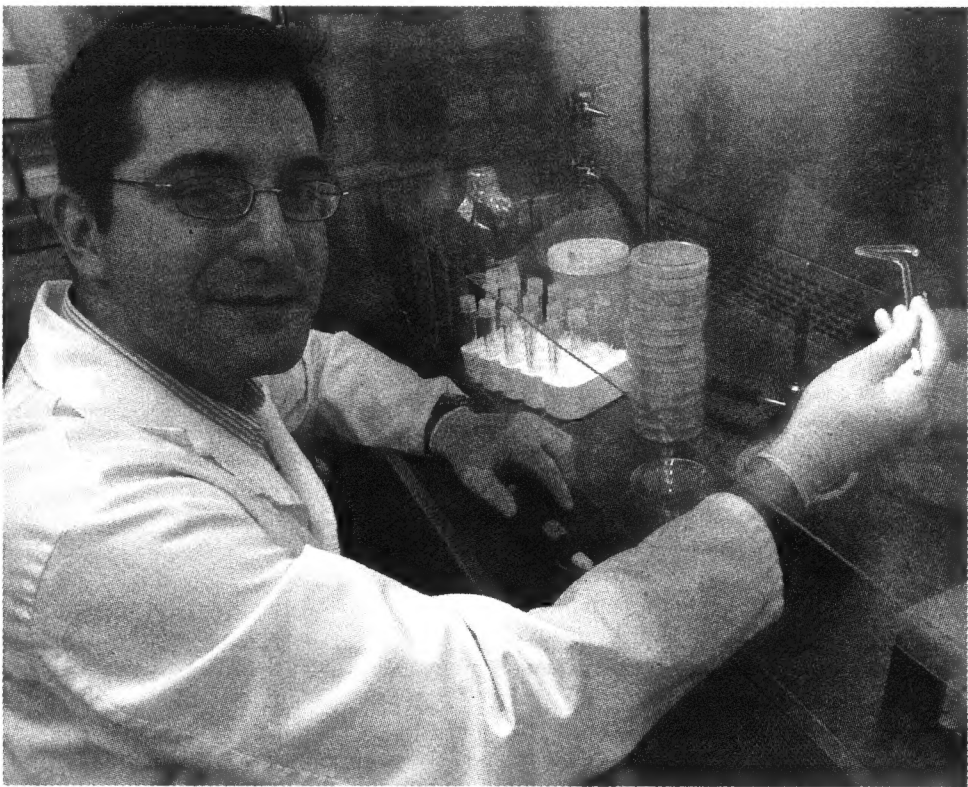
— Dr. George Zahariadis

Zahariadis knew he needed to research herpes after he began fielding calls from surgeons and oncologists who were seeing their recovering transplant patients fall victim to the virus.

"It is frustrating. We make such great advances in cancer therapy and organ failure, but then patients die from re-activated herpes viruses. We have not kept up in advancements to deal with complications of herpes." To date, the only effective herpes vaccine is for chickenpox, he noted.

Fatal herpes-related complications for weakened patients include pneumonia and lymphoma (cancer of the blood cells). "It can also cause diseases in the organ that is transplanted."

The study Zahariadis is conducting will focus on understanding the biology of the herpes simplex virus. "We are trying to understand how the herpes virus escapes detection within the body . . . We want to know how the virus turns off the



Dr. George Zahariadis is working on a two-year project to learn more about herpes viruses which can devastate transplant patients.

cellular immune response – the 'killer cell' response."

Zahariadis aims to not only find a way to keep the virus from paralyzing the body's protective cells, but is also hoping, in the long term, to exploit that very trait to help prevent the body from rejecting new organs.

"We want to learn how the virus

manipulates the immune system, and how it turns off the immune response in cases of rejection."

The project is being funded through to 2008 by the Alberta Heritage Foundation for Medical Research, Canadian Institutes of Health Research, the University Hospital Foundation and the Alberta Provincial Laboratory for Public Health. ■

New glacier history sheds light on climate change

Climate change during the last few millennia may have been more variable than once thought

By Phoebe Dey

University of Alberta research that rewrites the history of glacial movement in northwestern North America over the past 10,000 years offers important clues to climate change in recent millennia.

Glacier fluctuations are sensitive indicators of past climate change, yet little is known about glacier activity in Pacific North America during the first millennium A.D. Alberto Reyes, a PhD student in the Department of Earth and Atmospheric Sciences, and his research team have found evidence for a regionally extensive glacier expansion during that time, suggesting that climate during the last several thousand years may have been more variable than previously thought. The research appears in the journal *Geology*.

Reyes and his collaborators – mainly Dr. Dan Smith from the University of Victoria and Dr. Greg Wiles from the College of Wooster in Ohio – looked for a variety of clues in the field to help figure out the timing of past glacier fluctuations. At almost all of the glaciers studied, surface evidence prior to the "Little Ice Age" had been destroyed because glacial advance during that time had been so dramatic. Most of the evidence they found was in the form of buried soils and logs covered by glacial sediments.

"In some cases, entire forest stands were buried by sediments, and their trunks sheared off by advancing ice," said Reyes, who initiated the work while a master's student at Simon Fraser University.

Samples were then sent off for radio-carbon dating, and when the results came back, the researchers were able to determine when each individual glacier was expanding. Reyes had earlier noted a first-millennium-AD advance at the glacier he was studying for his master's thesis, which jumped out because it was thought glaciers in the region weren't expanding at that time.

After poring over old data and early

results of new research, the team found that many other glaciers had also advanced during that period. "If only one or two glaciers are advancing at any particular time, it is not really significant," said Reyes. "But when many glaciers across a wide region



are advancing with some degree of synchronicity, there is likely something going on with regional climate that causes the glaciers to advance."

Reyes was surprised that the regional nature of this first-millennium-AD glacier advance remained unrecognized for so long. He suspects that earlier reports hinting at the existence of an advance slipped under the radar because they did not fit into the established chronology of past glacier activity.

The glacier data reported by Reyes and colleagues, together with other clues of past climate, support an emerging idea that climate in the North Pacific region has cycled from warmer to colder intervals several times over the last 10,000 years. ■



PhD student Alberto Reyes conducts field work in the southern Coast Mountains of British Columbia (inset and above).

FAB shows inspired by personal empowerment

The introspective works of Richard Boulet and Katarzyna Vedah illustrate personal journeys

By Caitlin Crawshaw

Each square of his vibrant banners is carefully sewn, every letter expertly placed. One piece reads: “Mom, am I a vampire?”

Each of her pieces combines photography with drawing technique to create images reminiscent of cells viewed through an electron microscope.

But while the artworks of Richard Boulet and Katarzyna Vedah might seem worlds apart, the University of Alberta MFA students explain that their work is actually cut from the same cloth.

“We take a different approach, but the essence of what we’re trying to do is the same,” said Vedah.

Her exhibit, entitled The space within: polarity’s circle, and Boulet’s show, A Schizophrenia, visually represent personal journeys, say the artists.

“My exhibit is the culmination of 14 years of mental health recovery, in terms of learning about myself,” said Boulet, who in 1994 was diagnosed with schizophrenia. The chronic, disabling brain disease affects about one per cent of the population, and can cause delusions and hallucinations.

His exhibit features a number of large banners and several drawings which embody his struggle to come to terms with an often-baffling illness.

For years, Boulet struggled with complex and shifting delusions about the world around him. One banner, for instance, tells the story of a psychotic episode he experienced in which he was convinced that he was a vampire. During a long walk Boulet believed he’d taken with Jesus, he found a piece of paper about vampires and believed that Jesus was telling him that he was a vampire. He called his mother to ask her.

“She said ‘no.’ Then I just went on to another delusion,” said Boulet.

A paranoid schizophrenic, Boulet explains that psychotic episodes he experienced were often terrifying.

“It’s like being cornered; it’s like a rat being cornered. You never know where to turn, you never know who to trust.”

Boulet explains that personal empowerment motivated him to create the exhibit, adding that he hopes it will help break down some of the stigma and misinformation about the illness.

Vedah explains that her exhibit emerged from a similar process of introspection and understanding.

“Basically, the work was a visual representation of my journey of trying to regain emotional and psychological balance, and finding that balance was change and adaptation,” she said.

For years she struggled to find life’s “grey zone.”

“I always felt a little too sensitive. Something someone would say to me, or the noise of a car, or even the vibration from sound would feel very hurtful at times, and I always felt that I didn’t quite have that mediating boundary that everyone else around me seemed to have,” she said.

Her reaction to this was to become very fixed in her view of the world and herself.

“I started to have a lot of rigid thinking, a kind of split mentality: ‘Either I do this, or I do that.’”

By meditating and researching natural systems to create her series, Vedah gained insight into the essence of balance, discovering that constant change is needed to maintain natural systems, the body, and the mind.

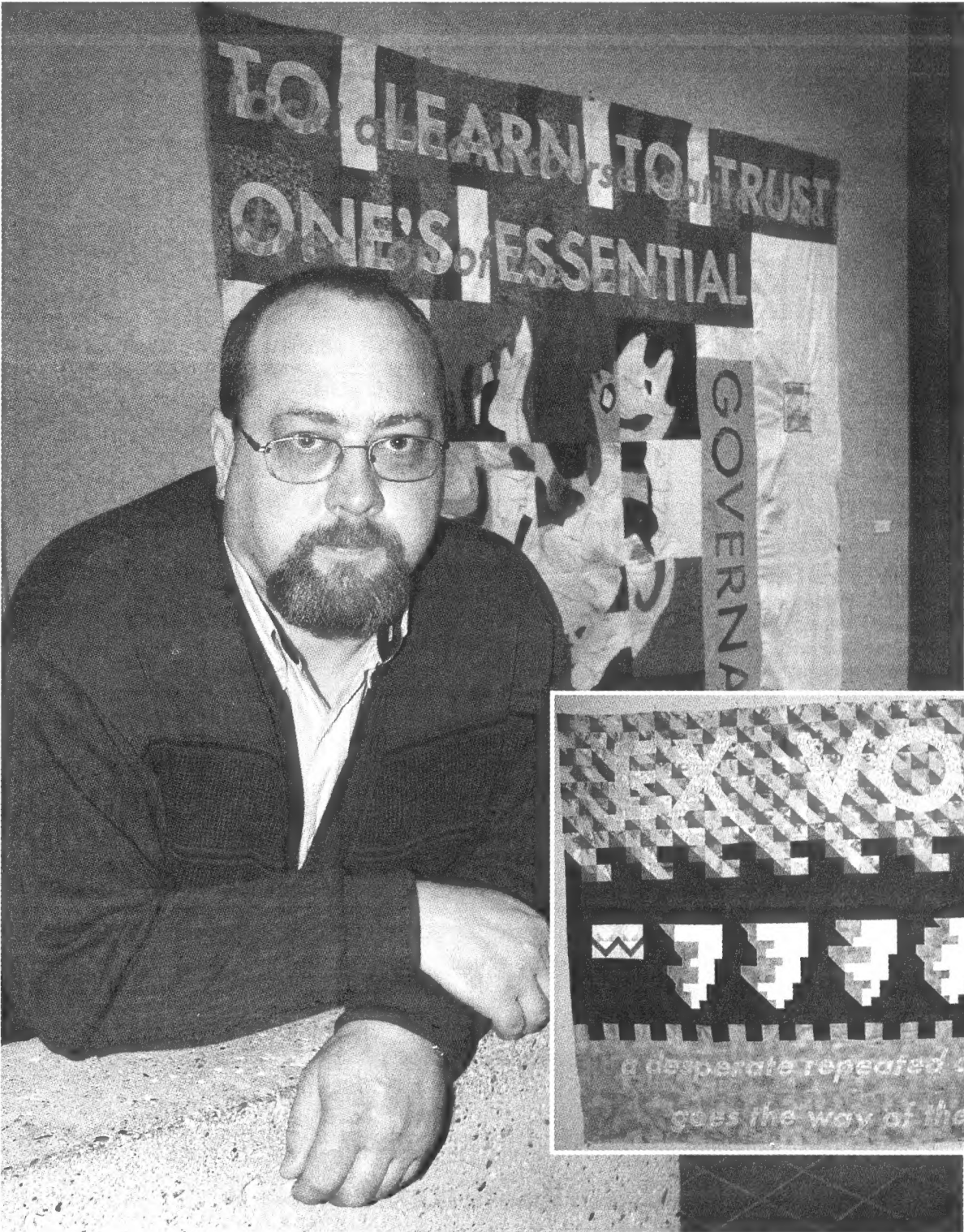
Both artists agree that the process of creating their exhibits has taught them about the nature of introspection and human psychology.

“Gaining insight into yourself is like peeling an onion, there’s always another layer, there’s always another mystery,” Boulet said.

Both shows run from Jan.10-28 at the FAB gallery. ■



For Katarzyna Vedah, art is a tool for understanding herself. Her works are currently hanging in the FAB gallery including *Catalyst* (left) and *Passing Time* (right).



Richard Boulet chose quilt-based sewing as the medium for his exhibit, which illustrates his struggle with Schizophrenia. (Above) Boulet with *Banner 8*. (Inset) *Banner 10*.

“Gaining insight into yourself is like peeling an onion, there’s always another layer, there’s always another mystery.”
— Richard Boulet



Must love mice

Staffer shares her passion for “people with fur”

By Geoff McMaster

Linda McLure admits people look at her funny when they find out she breeds pet mice.

“They get that glazed look in their eyes and say, ‘Oh, isn’t that nice’...I do worry sometimes about comparisons to the crazy cat lady,” says McLure, secretary for the University of Alberta’s science and health sciences libraries. “I have one friend to whom I can’t even mention it. You can feel her shutting down. But mostly, I just laugh.”

People always ask if she’s feeding a pet snake. The answer is no, nor does she put her mice on the market. She just happens to think rodents make fine company.

Eccentric, perhaps, but mice have been her passion since she was about 12, when she acquired her first pet mouse. “They’re just fun – like little people with fur coats. Watching them interact is amazing.”

She now has a colony of about 50, some of them born Jan. 17, in aquariums and cages bedded with potting soil. All of them have names, of course, like Runty Dude, Sheppy and Calliope, as well as distinct personalities.

Take Lulu, for example, “the vicious one,” who chases her tail endlessly around the cage, sometimes searching for it when she thinks it’s escaped. Or George, “the total goofball” who is well intentioned but just can’t seem to do anything right: “He tries to groom and fuss over the female in his cage, but he’s too overwhelming, so she runs away or hits him or bites him.”

And then there’s Nuage, “the lump... the great white whale, bigger than any pregnant mouse I’ve ever had,” says McLure. “She’s just a real sweetheart and can sit and be happy all day.

“They range from terrified of life to crawling all over me,” says McLure. Alsacia, for instance, loves to climb all over McLure but avoids the hands, “because she knows she could get put away.”

McLure says the mice are smart, diligent and “have lot of time on their hands,” cooking up escape plans in teams while she’s at work. They once discovered that if they buried the bottom of their running wheel so it couldn’t spin, climbed to the top and hoisted themselves up on a water bottle, they could push on the aquarium lid and open it. “I caught the little buggers before they managed to get out,” she says.

Mice only live for a couple of years at most, so there are a lot of tearful goodbyes in McLure’s life. And she does get more attached to some than others: “There’s a couple I’m really going to be sobbing hysterically over when they go.”

On the other hand, there’s also always a new litter on the way, making it easier to overcome the loss. It’s only two months from conception to independence, and McLure knows enough about genetics – the complex interplay of dominant and recessive genes – to take a keen scientific interest in the evolution of the line. Right now she’s breeding for “extreme dwarfism” – adults about the size of a squash ball.

“Everyone else is breeding big; I’m breeding small,” she says. “There’s a word for a big mouse – it’s called a rat, and what’s the point of that?”

“They’re just fun – like little

people with fur coats. Watching

them interact is amazing.”

– Linda McLure

McLure is so devoted to her mouse family she started a website with other breeders in New York, Ohio, Australia, Alaska, Puerto Rico and the U.K. called petrodents.com, “dedicated to providing the best possible care for pet rodents of all kinds.” The online club now has 78 members from around the world and is “growing all the time,” she says.

There’s a chat room to compare notes on breeding and to share anecdotes, sections on mouse genetics, mouse news and a mouse-ware store. If you share McLure’s proclivity, you can purchase mouse coasters, sweatshirts, fridge magnets, wall clocks and all manner of mouse kitch.

The site even has a webcam pointed at the latest litter produced by Papa Bucky and Mama Bernadette (no kidding – you can actually log on and see the 11 babies for yourself).

“Nothing is quite as rewarding – it’s instant gratification,” says McLure of this most unusual hobby. “There is so much reward for so little effort.” ■



Marcus Bence



Linda McLure and friends.

talks & events

Submit talks and events to Lorraine Neumayer by 12 p.m. Thursday one week prior to publication. **Folio Talks and Events listings do not accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.** A more comprehensive list of events is available online at www.events.ualberta.ca.

UNTIL MAR 16 2006

Conserving Biodiversity in Northern Cities

Leading researchers from around the globe will be speaking about conservation issues within northern cities. The series is free of charge and open to the public. Registration is not required. 4:30 p.m. Engineering Teaching Learning Complex Room 1 007. <http://www.ualberta.ca/ERSC/es.htm>.

UNTIL FEB 1 2006

"...Con't 2005" by Ihor Dmytruk

Opening Reception: Wednesday, Jan. 18, 6-9 p.m. Gallery hours: 8:30 a.m. - 8 p.m., Monday to Thursday 8:30 a.m - 4:30 p.m., Friday; 9 a.m. - 12 noon, Saturday This exhibition represents a continuation of Ihor Dmytruk's longtime exploration of the drawing discipline. The introduction of colour in his recent work is a relatively new departure. The images inspired from nature, immediate surroundings and events, are transformed into their own reality by imagination and the act of drawing. The Extension Centre Gallery is open to the public. Phone 492-0166 for information or visit our Web site at: www.extension.ualberta.ca. Extension Centre Gallery, 2nd Floor, University Extension Centre, 8303 - 112 Street. <http://www.extension.ualberta.ca/liberalstudies>.

UNTIL JAN 28 2006

Richard Boulet: A Schizophrenia

This exhibition is the final visual presentation for the degree of Master of Fine Arts in Drawing and Intermedia. The Reception will be held on Thursday, January 19, 7-10 p.m., complete with food and drinks! Everyone is welcome! Regular Gallery hours are from Tuesday to Friday, 10 a.m. to 5 p.m., and Saturday, 2 p.m. to 5 p.m. The Gallery is closed Sunday, Monday and statutory holidays. Fine Arts Building Gallery, room 1-1 Fine Arts Building, University of Alberta campus, 112 Street and 89 Avenue.

The Space Within: Polarity's Circle

This exhibition is the final visual presentation for the degree of Master of Fine Arts in Drawing and Intermedia. The Reception will be held on Thursday, January 19, 7-10 p.m., complete with food and drinks! Everyone is welcome! Regular Gallery hours are from Tuesday to Friday, 10 a.m. to 5 p.m., and Saturday, 2 p.m. to 5 p.m. The Gallery is closed Sunday, Monday and statutory holidays. Fine Arts Building Gallery, room 1-1 Fine Arts Building, University of Alberta campus, 112 Street and 89 Avenue.

JAN 20 2006

Lake Washington and the Synergistic Interaction Between Long-term Monitoring and Experimental Research Dr. Stephanie Hampton, Department of Biological Sciences, University of Alberta is presenting a seminar on "Lake Washington and the Synergistic Interaction Between Long-term Monitoring and Experimental Research." 12:00 p.m. M-149, Biological Sciences Building. <http://www.biology.ualberta.ca/courses/biol631/>.

Virtue in the Health Professions

Health Ethics Seminar 12:00 p.m. - 12:45 p.m. Room 207, Heritage Medical Research Centre, U of A. <http://www.ualberta.ca/BIOETHICS/>.

Moving to the head of the class: Looking for teaching positions Learn how to effectively prepare yourself for the work search process, about strategies for finding teaching positions with school boards and about teacher certification. Free Drop-in Seminar 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Curriculum & Pedagogy Institute Seminar Series: Complexity in Education Dr Deborah Osberg, Postdoctoral Fellow, Dept of Secondary Education: "Rethinking Schooling Through the 'Logic' of Emergence: Some Thoughts on Planned Enculturation and Educational Responsibility," and Jim Fuite, Dept of Secondary Education: "A Study of the Dynamics of Group Learning Using Network Theory." 2:00 p.m. - 3:30 p.m. 122 Education South. <http://www.quasar.ualberta.ca/cpin/upcoming.htm>.

The PI 3-kinase signaling network in hemopoietic cell models Speaker: Dr. Vincent Duronio, Professor, Department of Medicine (Respiratory), University of British Columbia 3:00 p.m. 207 Heritage Medical Research Centre.

DISSERTATIONS, BOOKS, AND IN BETWEEN: First Cracks at Publishing a Book Dissertations are strange creatures that may or may not lend themselves well to book publication. But it is never too early to contemplate the book you might produce. In this SIPs, three faculty members speak to the similarities and differences in their experiences of publishing their first books, and provide key questions and tips for doing so.

Invited Speaker

Invited Speaker: Professor Donald Douglas, Department of Chemistry, University of British Columbia Lecture title: "Quadrupole Mass Filters and Ion Traps in Mass Spectrometry: New Tricks for Old Technology" 4:00 p.m. - 5:00 p.m. V1-10 V wing.

Pandas Basketball

Pandas vs. Victoria 6:30

p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Pandas Hockey

Pandas vs. Regina 7:00 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Music at Convocation Hall I

Music at Convocation Hall I. Eleni Pappa, piano; Konstantina Pappa, violin; Nocturne for violin and piano: John Cage; Theme and Variations: Olivier Messiaen; Frates: Arvo Pärt; Sonata No 1: Alfred Schnittke. 8:00 p.m. Arts Building/Convocation Hall.

Bears Basketball

Bears vs. Victoria 8:15 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

JAN 21 - JAN 22 2006

Track and Field

Golden Bear Invitational Butterdome (Universiade Pavillion). www.cubsclub.ualberta.ca.

JAN 21 2006

Science Immersion Workshops for Teachers

The Edmonton Science Outreach Network (ESON) is pleased to offer a full day of Science Immersion Workshops for Elementary and Junior High teachers at the University of Alberta, Education Centre. The fee of \$25 per person includes a continental breakfast, light lunch, three workshop sessions and a package of teacher resources. Email Marlene Konduc at esons@telus.net with "Workshop Reg" in the subject line to register. 7:30 a.m. - 2:45 p.m. University of Alberta, Education South, Room 122. <http://www.sciencehotline.ca>.

4.0 Resumes for Students in Education

Both novice and experienced resume writers will benefit from attending this workshop. The focus is on learning a new conceptual framework developed at CaPS, which can be used to develop a new resume or revise an existing resume. Results from a survey about employers' expectations and preferences regarding resumes are also presented. Pre-register at 10:30 a.m. - 12:00 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Assembling Your School Board Application

Package Learn how to write an effective resume and cover letter for teaching positions. In this workshop you will create a draft resume and cover letter or you can bring one you've already done to work on. Other components of your teaching application package, such as references and the autobiographical statement, will also be discussed Pre-register at 2-100 SUB 1:00 p.m. - 2:30 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

Bears Volleyball

Bears vs. Winnipeg 3:30 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Orthodontic Alumni Association Bears Den

Night All Orthodontic Alumni Association members are invited to attend an evening of fun and sports in the Bears Den, as the UA Pandas Hockey team takes on the University of Regina. 6:30 p.m.

Pandas Basketball

Pandas vs. Victoria 6:30 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Pandas Hockey

Pandas vs. Regina 7:00 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Bears Basketball

Bears vs. Victoria 8:15 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

JAN 22 2006

Bears Volleyball

Bears vs. Winnipeg 2:00 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

JAN 23 2006

Tips for planning your summer vocation

Learn how CaPS can help you with your search for summer work, along with some of the most effective ways to find summer employment. Summer employment programs will also be discussed. Free Drop-in Seminar 2-100 SUB. 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Invited Speaker

Invited Speaker: Karen C. Waldron, Professeure agrégée (Associate Professor) Département de chimie Université de Montréal. Lecture title: "Development of coupled analytical methods for determining chitosan oligosaccharide products after enzymatic deacetylation: towards a greening assay of enzyme variants created by directed evolution." 1:00 p.m. - 2:00 p.m. E3-25 Gunning/Lemieux Chemistry Centre East.

University Teaching Services (UTS)

Working within the Code This session examines academic offences within the Code of Student Behaviour: what they are, how and when they apply, and how to prevent them. Because prevention is never 100 per cent successful, detection and reporting will also be discussed. Presenter: Deborah Eerkes, Manager Academic Integrity Please register for this session at www.ualberta.ca/~uts 3:00 p.m. - 4:30 p.m. CAB 243. <http://www.ualberta.ca/~uts>.

Seminar Dr. Jocelyn Hall, Dept. of Organismic and Evolution Biology, Harvard University, will present a seminar entitled "Systematics and morphological evolution in the flowers and fruits of Capparaceae, Brassicaceae and relatives." Dr. Hall is a candidate for the position of Assistant/Associate Professor in Plant Evolution and Systematics. 4:00 p.m. - 5:00 p.m. ETLC 1-017.

JAN 24 2006

Putting your B.Ed. to work outside of the classroom

Find out how Education graduates have put their degree to work outside of the classroom, as well as about tools, strategies and resources available to help you identify and explore your career options. Resumes: The electronic transformation Free Drop-in Seminar 12:35 p.m. - 1:20 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>

University Teaching Services (UTS)

Preventing Plagiarism This workshop focuses on teaching our students the basic ethical principles that will allow them to make good, honest decisions when doing their work. We will also discuss how to structure assignments that discourage plagiarism and how to detect and prove plagiarism when you suspect it. Presenter: Mo Engel, Arts Resource Centre Please register for this session at www.ualberta.ca/~uts. 3:30 p.m. - 5:00 p.m. CAB 243. <http://www.ualberta.ca/~uts>.

4.0 Resumes for Students in Arts and Business

Both novice and experienced resume writers will benefit from attending this workshop. The focus is on learning a new conceptual framework developed at CaPS, which can be used to develop a new resume or revise an existing resume. Results from a survey about employers' expectations and preferences regarding resumes are also presented. Pre-register at 2-100 SUB 4:30 p.m. - 6:00 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

JAN 25, 2006

PHS Grand Rounds Dr Donald Voaklander, Associate Professor, Department of Public Health Sciences "Medication Use and Suicide in Seniors." 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

The armchair guide to finding work on the web

The Internet can be a valuable tool in the work search process. Learn about various search tools, their similarities and differences, searching tips and common Internet-based recruitment methods used by employers. Free Drop-in Seminar 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Using Gridstore In -job Submissions with GSUB (WestGrid Seminar Series)

This session, presented by Edmund Sumbar, Systems Analyst, Academic Information and Communication Technology, will provide information for current WestGrid users who submit jobs via GSUB. To attend this session, please RSVP to Jon Johansson at access.grid@ualberta.ca. For a complete schedule of the Winter 2006 WestGrid Seminar Series, visit <http://www.westgrid.ca/seminars.html> 1:30 p.m. - 4:00 p.m. Access Grid Room (315 General Services Building). <http://www.westgrid.ca/seminars.html>.

University Teaching Services (UTS)

Teaching with Cases. A good teaching case is powerful in the university classroom. Cases get people talking with one another - trying out ideas, trading points of view, sharing experiences, being energized, and having fun. This session showcases one instructor's practice with ethical cases that incorporate role play as a value-added pedagogical attribute. Participants will experience a mini-case and discussion. Presenter: Rebecca Davis Mathias, St Joseph's College Please register for this session at www.ualberta.ca/~uts 3:00 p.m. - 4:30 p.m. CAB 243. <http://www.ualberta.ca/~uts>.

4.0 Resumes for Students in Science

Both novice and experienced resume writers will benefit from attending this workshop. The focus is on learning a new conceptual framework developed at CaPS, which can be used to develop a new resume or revise an existing resume. Results from a survey about employers' expectations and preferences regarding resumes are also presented. Pre-register at 2-100 SUB. 5:00 p.m. - 6:30 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

JAN 26 2006

Breakfast Roundtable with Dr. Samarasekera

A roundtable discussion with students of "Dare to Discover: A Vision for a Great University." 7:30 a.m. - 8:30 p.m. 5-06 Stollery Executive Development Centre, Business Building.

Brown Bag Lunch

A Brown Bag Lunch, with guest speaker Victor Moke Ngala. His topic: "A portrait of francophone African-descent youth in urban Alberta schools: Integration conditions and effects." Everyone welcome. 12:00 p.m. - 1:00 p.m. 10709 105 Street.

Lunch by the Books Where are the Women in Canadian Politics? A public lecture by Linda Trimble, Department of Political Science. 12:00

p.m. - 1:00 p.m. Stanley Milner Branch (downtown), Edmonton Public Library, 7 Sir Winston Churchill Square. www.uofaweb.ualberta.ca/arts/LunchbytheBooks2005.cfm?CFNoCache=TRUE

Making career fairs and career forums work for you

Want to get the most out of the time you spend at a career fair or a career forum? Learn valuable tips on how to prepare for and present yourself at these valuable networking events. Free Drop-in Program 12:35 p.m. - 1:20 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

How to Make One Million US Dollars

Math and Stat Sciences Colloquium Speaker: Dr. James Lewis Department of Mathematical and Statistical Sciences University of Alberta Title: "How To Make One Million US Dollars" (The Hodge Conjecture) Refreshments will be served in CAB 649 at 3:00 pm. 3:30 p.m. - 4:30 p.m. CAB 265. http://www.mathstat.ualberta.ca/newsevents_colloquiumSchedule.html.

University Teaching Services (UTS)

Graduate Students and Supervisors. The student-supervisor relationship can make or break a graduate student's career. What can graduate students do to improve their relationship with their supervisors? What can supervisors do to improve their relationship with their graduate students? Videotaped vignettes will be used to stimulate discussion on the expectations, roles and responsibilities, and student rights. Presenter: Chris Hackett, Graduate Students' Association Please register for this session at www.ualberta.ca/~uts 3:30 p.m. - 5:00 p.m. CAB 243. <http://www.ualberta.ca/~uts>.

Bohdan Bociurkiw Memorial Lecture

Myroslav Marynovych, Vice Rector, Ukrainian Catholic University, Lviv, will deliver the Bohdan Bociurkiw Memorial Lecture on "Religious Freedom in Ukraine: Achievements and Challenges." Mr. Marynovych is a former Soviet dissident who is the author of numerous publications on topics dealing with religion, politics and human rights. 7:00 p.m. 227 Athabasca Hall (Heritage Lounge).

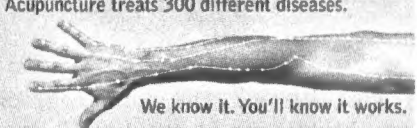
Science-Religion Lectures

Brother Guy Consolmagno, SJ Astronomer, Vatican Observatory 1) Heaven or Heat Death? Christian and Scientific Perspectives on the End of the Universe. Wed 25 Jan, 10:00 to 11:50 AM, EDUCATION SOUTH 165 2) Astronomy, God, and the Search for Elegance. Wed 25 Jan, 7:00 to 8:30 PM, EDUCATION SOUTH 129

JAN 27 2006

Fair Trade Fair Local vendors will share their fairly traded or sustainably and ethically produced wares as a follow up to the International Week

Acupuncture treats 300 different diseases.



We know it. You'll know it works.

University Acupuncture & Herbal Therapy Centre
Suite 606 College Plaza
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University Campus

We will maximize your health potential & improve your quality of life!

Some of our doctors have over 20 years clinical and research experience. You will receive very effective and efficient acupuncture, special acupressure (Tuina) and herbal therapies.

Our efficient herbal therapy for **Menopause syndrome & Prostatism** will be free until March 30, 2006! Please start your treatment as soon as possible.

If you sufferer any of the following:

frozen shoulder	sciatica/arthritis,
tendonitis/bursitis	fibromyalgia

migraine/stress	insomnia/fatigue
allergies/sinusitis	cystitis /PMS

gastroenteritis/bronchitis, side-effects of chemo/radiation therapy high cholesterol, chronic pain and more...

Pleas call

Dr. ShuLong He at 238-5710

to check if our treatments are suited for your conditions.

Opening Ceremonies and Sweat-Free Fashion Show. 10:00 a.m. - 4:00 p.m. Students Union Building. <http://www.international.ualberta.ca/global.php?id=199>.

Introduction to RefWorks (Humanities & Social Sciences) Learn to use RefWorks, a web-based citation manager, which allows you to import, create and store references, cite them in Word documents, and automatically format bibliographies in a number of reference styles (e.g. APA, Vancouver, Turabian, Chicago, MLA, etc). Please obtain a RefWorks id and password before attending the session by registering for an account. Bring your Campus computing ID and password, as well as the RefWorks authentication information to the session. For RefWorks registration procedures, http://www.library.ualberta.ca/databases_help/refworks_help/index.cfm. For more information http://www.library.ualberta.ca/databases_help/refworks/index.cfm. 10:00 a.m. Rutherford South Computer Lab, 2-03. <http://www.library.ualberta.ca/student-training/section/index.cfm?cid=55>.

Lighting the Way to Human Rights: International Opening Ceremonies and Human Rights Procession Join us for a celebration of Human Rights! Thirty lanterns representing each article of the Universal Declaration of Human Rights will be carried throughout campus, beginning at the International Centre and ending at the Student's Union Building at 12 p.m. The International Week Opening Ceremonies will begin immediately thereafter. Come see the amazing talents of local Capoeira performers, hip-hop dancers, Bollywood Comes Alive, plus a Sweat-Free Fashion Show! 11:30 a.m. - 1:00 p.m. SUB Stage. <http://www.international.ualberta.ca/iweek>.

University Teaching Services (UTS) Critical Incident Session - Diversity and Inclusion A critical incident is a condensed variation of the traditional case study. The goal of this Critical Incident Session is to provide opportunities for discussion around challenges to teaching when diversity and inclusion are considered. Three videotaped vignettes are used as the springboard for discussion. Bring your lunch and UTS will provide the coffee. Presenter: Ashley Daniel and Janet Smith, Human Rights Office Please register for this session at www.ualberta.ca/~uts 12:00 p.m. - 1:30 p.m. CAB 219.

Dear Employer? How do I write better work search letters Learn how to effectively write, format and target cover letters, networking letters and follow up letters. Find out how and when you should use these letters in your work search. Free

Drop-in Seminar 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>

Molecular theory of solvation: a novel modeling tool for life sciences Speaker: Dr. Andriy Kovalenko, Senior Research Officer, National Institute for Nanotechnology, National Research Council of Canada 3:00 p.m. 207 Heritage Medical Research Centre.

Bears Hockey Bears vs. Saskatchewan 7:30 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

JAN 27 - 28 2006

Dance Motif 2006 presented by the Orchestis Dance Group, featuring guest choreographer Kathy Ochoa as well as works by Tamara Bliss, Kathy Metzger-Corriveau, Tina Covlin-Dewart, Laura Krewski, and student choreographers. For tickets call 492-2231 or come to SUB Monday, January 23-Thursday, January 26 between 11a.m. & 3p.m. and visit our table. 8:00 p.m. Myer Horowitz Theatre (SU building on the University of Alberta Campus). <http://www.campusrec.ualberta.ca/orchestis.cfm>.

JAN 28 2006

Summer Job Fair This job fair is open to students and alumni from all faculties who are looking for a summer job. Network with over 60 employers to find a job that will give you valuable career experience. 10:00 a.m. - 4:00 p.m. Universiade Pavillion (Butterdome). http://www.ualberta.ca/CAPS/CaPS_a3-1.html.

Acing the Interview for Students in Education The focus of this workshop is on how to prepare effectively for a job interview and how to respond to interview questions. Results from our employer survey about their practices and expectations regarding the interview process are included in this workshop. Pre-register at 2-100 SUB 10:30 a.m. - 12:00 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

Pharmacy Career Fair The Pharmacy Career Fair is the event that all fourth year pharmacy students should attend to find employment in their field. 11:00 a.m. - 3:00 p.m. Dinwoodie Lounge (2-000 SUB). http://www.ualberta.ca/CAPS/CaPS_a3-1.html.

Building a Teaching Portfolio Learn about what goes in a teaching portfolio and how to assemble an effective portfolio, as well as how to present your portfolio in a school board interview. Pre-register at 2-100 SUB 1:00 p.m. - 2:30 p.m. 4-02 SUB. <http://www.ualberta.ca/capps>.

Euthanasia & Assisted Suicide: Does the Right to Life Include the Right to End Your Life? Dr. Don Carmichael, Associate Professor, Political Science 2:00 p.m. - 3:30 p.m. Stanley A. Milner Library (Basement in the Edmonton Room), 7 Sir Winston Churchill Square.

Bears Hockey Bears vs. Saskatchewan 7:30 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

JAN 30 - FEB 3 2006

International Week 2006 : "More Than Words: Realizing Human Rights" This year International Week will feature over 50 free events to address the theme "More than words: realizing human rights." More than 5,000 attendees will take part in sessions that range from a keynote lecture by Stephen Lewis to lectures, panels, workshops, films, live music, a fair trade fair, and much, much more. Those involved in presenting during the week include student groups, faculty members, governmental and non-governmental organizations - all of whom provide a diversity of opinions and experiences on the topics being discussed. Various Locations, University of Alberta Campus. <http://www.international.ualberta.ca/global.php?id=199>.

JAN 30 2006

Hope Foundation of Alberta - Celebrate Hope Week - Hope Week Kick off at City Hall The Hope Foundation of Alberta Celebrate Hope Week Jan 30 - Feb 4, 2006 Hope Week Kick off at City Hall - Monday, January 30, 2006, 12 p.m. - 1:30 p.m. Visual: Hope Quilt created by HOPE KIDS With a mission to strengthen the sense of hope for youth and residents in care, HOPE KIDS is a community service program for children who would like to learn about hope and make a difference in someone's life. Hope Week Kick Off at City Hall; Hope Foundation Open House at: Hope Foundation of Alberta 11032 - 89 Avenue Edmonton, AB T6G 0Z6. <http://www.ualberta.ca/HOPE/>.

International Week 2006 Keynote Address: "More Than Words: Realizing Human Rights" Stephen Lewis, UN Special Envoy to Africa for HIV/AIDS, will deliver a free keynote address on "More Than Words: Realizing Human Rights". 12:00 p.m. - 1:30 p.m. Myer Horowitz Theatre, Student's Union Building, University of Alberta. <http://www.international.ualberta.ca/global.php>.

Noon Hour Organ Recital 12:00 p.m. Arts Building/Convocation Hall.

Is it all about who you know? Tapping the hidden job market through networking Over 80 per cent of available jobs are not advertised. One of the most effective ways to tap the hidden job market is through networking. Learn how to build and maintain contacts in your field so you can get the job that you want. Free Drop-in Seminar 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

University Teaching Services (UTS) Teaching Large Classes Large enrolment classrooms offer many challenges to new and seasoned instructors. This session looks at the use of active learning strategies, managing grades, working with teaching assistants, and using classroom technologies in large classes. Presenter: David Kahane, Department of Philosophy Please register for this session at 3:00 p.m. - 4:30 p.m. CAB 243. <http://www.ualberta.ca/~uts>.

Stephen Lewis - Easing the Pain and Suffering of AIDS in Africa Augustana Against Aids Student Society is hosting Stephen Lewis at the Augustana Campus gymnasium, for a keynote address on AIDS in Africa. Tickets are \$10 for students, and \$15 for adults. Proceeds are going to the Stephen Lewis Foundation. 6:30 p.m. Augustana Campus Gymnasium, Camrose Alberta. <http://www.augustana.ca/promotional/stephenlewis/>.

JAN 31 2006

Submission Deadline - Beyond These Halls - Community Service Recognition Program The University of Alberta Senate is collecting information on volunteer contributions made during the 2005 calendar year. To participate in the program, simply visit the Beyond These Halls website and briefly tell us about your work. It's easy! Celebrate campus volunteers! <http://www.uofaweb.ualberta.ca/beyondthesehalls/>

University Teaching Services (UTS) The First Sixteen Weeks Four undergraduate students from Arts, Science, Engineering, and Native Studies share their impressions and experiences related to their learning during the first term of their first year. This frank discussion focuses on the factors that contribute to a positive learning environment as well as some of the barriers faced by first year students. Presenters: Mat Johnson, Students' Union and Panel Please register for this session at www.ualberta.ca/~uts CAB 243.

Get it together: Building a foundation for a successful work search Wondering about the secrets of a successful work search? Learn how to prepare effectively for your work search, what to



Do you know? The acute stage of frozen shoulder can be cured in 10 days instead of suffering for years. We've done it many times!

After being educated in *Shanghai TC Medical University* & with 22 years clinical practice experience, *our unique TCM treatments for soft tissue injuries* gave our thousands of patients surprising satisfaction.

Here are a few of the many comments:

"I had constant shoulder & back pain for 5 years since the car accident until I had 4 treatments from you. It's really amazing!"—Miss. A **student of U of A**

"I had suffered 4 years with bad back pain which sent me twice to the emergency service until you gave it a proper diagnosis, and your treatments put me back to golf!"—**Family MD Dr. A**


"None of the treatments could get me off the constant pain from the supraspinous ligament injury for 10 years until you treated it."—**Family MD Dr. B**

"All the patients including my wife, I referred you to, were satisfied!"—**Sports Medicine Clinic Physiotherapist Mr. B**

If you have pain & injuries, please call

Aspen TC Medical Wellness Clinic
Dr. Yu-Cheng Chen
R.Ac. & TCMD
12004-40 Ave. Tel: 432-4157

JANUARY 2006

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22		THIS MONDAY, VOTE.				

To know when and where to vote, consult your voter information card. It includes all the information you'll need to use your right to vote, and you'll get through the voting process more quickly if you have it with you.

Voting hours for your polling station are indicated on your voter information card and on the Elections Canada Web site at www.elections.ca by clicking on the Voter Information Service icon.

If you haven't received this card, you are probably not on the voters list. To be able to vote, all you have to do is go to your polling station on election day, January 23, and present an official document that includes your name, address and signature. If you do not have such a document, you will be given the opportunity to swear that you are eligible to vote at the polling station you are in, as long as you are accompanied by a voter registered in the same polling division who can vouch for your identity.

For more information, please contact your local Elections Canada office or visit our Web site at www.elections.ca.

www.elections.ca
1 800 463-6868 toll-free in Canada and the United States
001 800 514-6868 toll-free in Mexico
 TTY 1 800 361-8935 for people who are deaf or hard of hearing
toll-free in Canada and the United States or (613) 991-2082 from anywhere



consider about your appearance, and how to present yourself to your contacts and potential employers. This is a FREE seminar. 12:30 p.m. - 1:30 p.m. CaPS, 2-100 SUB. <http://www.ualberta.ca/caps>.

RECONSTRUCTING & MONITORING YOUR HEAD (Percutaneous Implant Integrity Evaluation) Speaker: Gary Faulkner Professor Department of Mech. Eng., University of Alberta Abstract: The use of percutaneous implants to restore form and function in the mouth and in the facial region has become reasonably routine. 3:30 p.m. 2-001 Natural Resources Engineering Facility, Markin/CNRL. <http://www.uofaweb.ualberta.ca/mece/departmentseminars.cfm>.

FEB 1 2006

PHS Grand Rounds Dr. Jeremy Beach, Director, Occupational Medicine Residency Program; Associate Professor, Department of Public Health Sciences and Dr Brian Rowe, Canada Research Chair in Emergency Airway Diseases; Research Director, Department of Emergency Medicine; Professor, Department of Emergency Medicine "Diagnosis and Management of Occupational Asthma: Systematic Review Evidence" 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building. <http://www.phs.ualberta.ca>.

University Teaching Services (UTS) Microteaching for the IS Program The Instructional Skills (IS) Program offered through University Teaching Services allows participants to demonstrate their teaching skills to peers. Participants with a minimum of 25 hours of pedagogy are invited to give a 10-minute microteaching presentation on a topic of interest to and understandable by a diverse audience. Presentations must be structured (introduction, body, conclusion) and rehearsed to fit the 10-minute time slot. If you wish your presentation to be videotaped, please bring a blank VHS tape. As this is a requirement of the IS Program, registration and attendance are compulsory. The IS Program requires five participants per microteaching event. Presenters: IS Program Participants Please register for this session at www.ualberta.ca/~uts 1:00 p.m. - 3:00 p.m. CAB 219. <http://www.ualberta.ca/~uts>.

Acing the Interview for Students in Science The focus of this workshop is on how to prepare effectively for a job interview and how to respond to interview questions. Results from our employer survey about their practices and expectations regarding the interview process are included in this workshop. 5:00 p.m. - 6:30 p.m. CaPS, 2-100 SUB. <http://www.ualberta.ca/caps>.

University Teaching Services (UTS) PowerPoint Text and Pictures. This hands-on session reviews the basic features of PowerPoint, and provides sources for clip art and pictures that can enhance presentations and become hooks for student learning. Scanned images are also discussed. Presenter: Kevin Moffitt, Technology Training Centre Limited computer workstations available; first registered, first seated. Please register for this session at www.ualberta.ca/~uts 5:00 p.m. - 6:00 p.m. Technology Training Centre, lower level of Cameron Library. <http://www.ualberta.ca/~uts>.

FEB 1 - 4 2006

Opera University of Alberta Department of Music Opera Workshop Alan Ord, Director presents The Marriage of Figaro by Wolfgang Amadeus Mozart Full-length opera performance 7:30 p.m. Arts Building/Convocation Hall.

FEB 2 2006

D.B. Robinson Distinguished Speaker Series, featuring Philippe A. Tanguy Innovative viscous mixing processes Philippe A. Tanguy, École Polytechnique de Montréal Biography Philippe A. Tanguy is the TOTAL Professor of Process Technology & Engineering at École Polytechnique of Montreal, Canada, where he heads the Research Unit in Industrial Flow Processes. 3:30 p.m. to 4:20 p.m. Refreshments will be available at 3:10 p.m. outside the room E1-007 Engineering Teaching and Learning Complex (ETLC).

Looking for work as a substitute teacher Thinking about substitute teaching, either temporarily or long term? Learn about the process schools and school boards use to hire substitute teachers. Free of charge. Drop into CaPS office, 2-100 SUB. 12:35 p.m. - 1:20 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Parallel Programming with OpenMP (WestGrid Seminar Series) Edmund Sumbar, Systems Analyst, Academic Information and Communication Technology, will provide an introduction to parallel programming on shared memory machines. He will discuss parallel programming in C and Fortran using compiler directives on multi-processor shared-memory machines as well as compiling and linking OpenMP programs. Other topics will include: thread and loop scheduling, coarse-grained directives, locks and MPI/OpenMP hybrid programming. To attend this session, please RSVP to Jon Johansson at access.grid@ualberta.ca. For a complete schedule of the Winter 2006 WestGrid Seminar Series, visit <http://www.westgrid.ca/seminars.html> 1:30 p.m. - 2:30 p.m. Access Grid Room (315 General Services Building). <http://www.westgrid.ca/seminars.html>.

University Teaching Services (UTS) Sequencing Learning What difference does the

order of texts and activities make to student learning? This workshop examines some print passages, a film clip, an informational reading, and a lecture snippet to consider optimal ordering of texts for student understanding. While the examples will come from the humanities, links to the sciences also will be encouraged. Bring your examples of concepts and problems that your students find hard to learn. Presenter: Margaret Iveson, Department of Secondary Education Please register for this session at www.ualberta.ca/~uts 3:30 p.m. - 5:00 p.m. CAB 243.

FEB 3 2006

Mechanism of RNAi-dependent heterochromatin assembly in Schizosaccharomyces pombe Dr. Mo Motamedi, Department of Cell Biology, Harvard Medical School is presenting a seminar on "Mechanism of RNAi-dependent heterochromatin assembly in Schizosaccharomyces pombe". 3:30 a.m. M-149, Biological Sciences Building. <http://www.biology.ualberta.ca/courses/genet605/index.php?Page=3700>.

Hope Foundation of Alberta - Celebrate Hope Week - Hope Foundation Open House The Hope Foundation of Alberta Celebrate Hope Week Jan 30 - Feb 4, 2006 Hope Week Kick off at City Hall - Monday, January 30, 2006, 12:00 p.m. - 1:30 p.m. Visual: Hope Quilt created by HOPE KIDS With a mission to strengthen the sense of hope for youth and residents in care, HOPE KIDS is a community service program for children who would like to learn about hope and make a difference in someone's life. Come meet some of these children and view their visions of hope. Hope Foundation Open House - Friday, Feb. 3, 2006, 11 a.m. - 2 p.m. Visual: Workshops and Presentations - Comprehensive database on hope literature. Hope Week Kick Off at City Hall; Hope Foundation Open House at: Hope Foundation of Alberta 11032 - 89 Avenue Edmonton, AB T6G 0Z6. <http://www.ualberta.ca/hope/>.

Search firms, headhunters and temps: What you should know Thinking about using a recruitment firm to help you find work? Learn what recruitment firms do, how to use them in your work search and what recruiters look for in candidates. Free of charge. Drop into CaPS office, 2-100 SUB. 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Curriculum & Pedagogy Institute Seminar Series: Internationalization / Globalization Dr William Pinar, Professor and Canada Research Chair of Curriculum Studies, University of British Columbia: "Exile and Estrangement in the Internationalization of Curriculum Studies" 2:00 p.m. - 3:30 p.m. 122 Education South.

Detective Steve Walton (Retired)-"Street Drug Awareness; An Overview" Campus Security Services, in partnership with U of A Residence Services, is pleased to host Detective Steve Walton, "Street Drug Awareness; An Overview". During this 2-hour presentation, attendees are exposed to the most current drug trends, symptoms, indicators and the sub-culture that revolves around the use of drugs. This is a free presentation, however seating is limited. Call 492-5957 or email grace.berry@cps.ualberta.ca to reserve your seat. 6:30 p.m. - 8:30 p.m. Maple Leaf Room, Lister Conference Centre (116 Street-87 Avenue). <http://www.cps.ualberta.ca/DopeOnDope.asp>.

Alumni and Friends of the Faculty of Law For alumni and friends of the Faculty of Law, come out and watch a Bears Hockey game vs. UBC in the private skybox in the Clare Drake Arena. 7 p.m. Clare Drake Arena Law Centre.

Pandas Volleyball Pandas vs. Winnipeg. 7 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Bears Hockey Bears vs. UBC 7:30 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

FEB 4 2006

Third World Interests: What Role Should Canada Play in Relieving International Poverty? Dr. Tom Keating, Professor, Political Science 2:00 p.m. - 3:30 p.m. Stanley A. Milner Library (Basement in the Edmonton Room), 7 Sir Winston Churchill Square.

Pandas Volleyball Pandas vs. Winnipeg. 7 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

Bears Hockey Bears vs. UBC 7:30 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca.

FEB 5 2006

Music at Convocation Hall II Music at Convocation Hall II William Street, saxophone Roger Admiral, piano Trevor Brandenburg, percussion Riggio (2000) : Stefano Gervasoni Adagio Dialectico (2000): Brice Pauset durch (2004): Mark Andre the noise of carpet (2005) (Premiere): Scott Godin 3:00 p.m. Arts Building/Convocation Hall.

FEB 6 2006

Visiting Speaker Dr. Catherine Llorens-Cortes, Professor and Research Director, College de France, Paris France Title of Talk: "Apelin: a new peptide involved in the regulation of body fluid homeostasis and cardiovascular functions" 9:30 a.m. - 10:30

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NEW APPOINTMENT

ALBERTA HERITAGE FOUNDATION for MEDICAL RESEARCH



Mrs. Nancy Mannix

Member, Board of Trustees

The Alberta Heritage Foundation for Medical Research is pleased to announce the appointment of Mrs. Nancy Mannix as a member of the AHFMR Board of Trustees, effective January 1, 2006. Mrs. Mannix was appointed by the Lieutenant-Governor of the Province of Alberta through an Order in Council on December 14, 2005.

Mrs. Mannix has a Bachelor of Arts honours degree in political science from the University of San Diego and a Juris Doctor degree from Seattle University. She began her law career at Macleod Dixon practising in the securities area and was admitted to the Law Society of Alberta in 1989.

Mrs. Mannix is chair and patron of the Norlien Foundation. She is also a director of Coril Holdings Ltd. and Exploron Corporation, and is a member of the Alberta Bone and Joint Health Institute. Mrs. Mannix has had a long career in the charitable sector and has worked at a number of organizations, including the Calgary Health Trust and the Canada West Foundation. She has also served on numerous boards including the Canadian Association of Gift Planners, and Social Venture Partners Calgary. Mrs. Mannix has also served on several task forces with the provincial and federal governments, dealing with charitable legislation.

Since 1980, AHFMR has awarded more than \$800 million to researchers at the University of Alberta, the University of Calgary, the University of Lethbridge, and their affiliated institutions. AHFMR was highly commended for the excellence of its achievements and activities in a report prepared by members of an International Board of Review in June 2004.

AHFMR



ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

CALL FOR NOMINATIONS

FOR ONE ACADEMIC STAFF MEMBER TO SERVE ON THE BOARD OF GOVERNORS

Two members of the academic staff of the university serve on the Board of Governors, one of whom is nominated by the General Faculties Council and one of whom is nominated by the Academic Staff Association (AAS:UA). **As of January 24, 2006, there will be a vacancy on the Board of Governors for one academic staff representative to be nominated by the General Faculties Council.** This position is currently held by Professor Gurston Dacks, Department of Political Science and Associate Dean (Academic), Faculty of Arts. An election will now take place to fill this upcoming vacancy on the Board of Governors.

The procedures which govern this election are contained in Section 22 of the GFC Policy Manual and are available from the University Secretariat, 2-5 University Hall, and online (<http://www.uofaweb.ualberta.ca/gfcpolicymanual/>). These regulations provide that the GFC-nominated "academic staff member who serves on the Board of Governors must come from Category A1.0." Category A1.0 includes all staff who are continuing full-time and part-time Faculty, APOs, FSOs, Librarians, and Soft-Tenure Faculty. Nominees must be employed in Category A1.0 throughout the term of appointment to the Board and, in addition, must be willing and able to serve for the full term of appointment on a continuous basis. A full term on the Board is normally three years. If there is a question about a candidate's eligibility, the GFC Executive Committee will decide.

The Nomination Procedures are as follows:

1. Nominations must be submitted in writing to Mr Garry Bodnar, Secretary to GFC, 2-5 University Hall.
2. Nominations must be RECEIVED in the University Secretariat (2-5 University Hall) no later than **12:00pm, Friday, February 3, 2006.**
3. Nominations must be supported by the signatures of five academic staff in Category A1.0 (other than the nominee).
4. Nominees must be willing and able to serve and normally will serve a three-year term on both the Board and General Faculties Council.
5. A biographical sketch of the nominee should accompany the letter of nomination.

As the University Secretariat receives nominations, the names will be posted on the University Secretariat website at <http://www.uofaweb.ualberta.ca/secretariat/>.

**Any questions about these procedures should be directed to
Mr Garry Bodnar at 492-4733 or
by e-mail (garry.bodnar@ualberta.ca).**



Celebrating Outstanding Alumni University of Alberta 2006 Alumni Recognition Awards

CALL FOR NOMINATIONS

Do you know of leaders in your profession or community who are graduates of the University of Alberta and have a history of:

- exceptional community involvement,
- outstanding professional achievements, and
- service to society or the welfare of others?

You can nominate them for a University of Alberta Alumni Recognition Award. These include awards to recognize accomplishments that have earned national or international prominence, awards for exceptional achievements or honours in the past year, awards recognizing long-term service to the community, and awards for outstanding accomplishments by alumni just beginning their careers.

For nomination forms or information visit www.ualberta.ca/alumni or contact the Office of Alumni Affairs at 492-3224.

NOMINATION DEADLINE IS MARCH 1



Office of Alumni Affairs 8th Floor, General Services Building, Edmonton, AB T6G 2H1.
Phone: 492-3224 or 1-800-661-2593 in North America. Email: alumni@ualberta.ca

a.m. 5-10 Medical Sciences Building. <http://www.ualberta.ca/cellbiology>.

Music at Noon, Convocation Hall Student Recital Series Music at Noon, Convocation Hall Student Recital Series Featuring students from the Department of Music 12:00 p.m. Arts Building/Convocation Hall.

www.you: Developing a work search website Thinking about creating a website to help you find work? Learn how you might design or structure your work search website and get it out to employers. (Note: You will not learn HTML in this seminar.) Free of charge. Drop into CaPS office, 2-100 SUB. 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

University Teaching Services (UTS) Engaging Ideas: Simple Strategies for Implementing Active Learning Students are more apt to learn at a deeper level if they are not merely recipients of knowledge, but actively involved in the learning process. Bring your ideas, challenges, and thoughts to explore some simple strategies for active learning in the classroom and beyond. Presenter: Margaret Spence, University Teaching Services Please register for this session at www.ualberta.ca/~uts 3 p.m. - 4:30 p.m. CAB 243.

FEB 7 2006

Demystifying the grad school application process Further your thinking about applying to graduate school. Consider whether or not graduate school is right for you. Learn how to evaluate graduate programs and prepare strong application packages. Free of charge. 12:35 p.m. - 1:20 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Introduction to RefWorks (Humanities & Social Sciences) Learn to use RefWorks, a web-based citation manager, which allows you to import, create and store references, cite them in Word documents, and automatically format bibliographies in a number of reference styles Please obtain a RefWorks id and password before attending the session by registering for an account. Bring your Campus computing ID and password, as well as the RefWorks authentication information to the session. For RefWorks registration procedures, http://www.library.ualberta.ca/databases_help/refworks_help/index.cfm. For more information http://www.library.ualberta.ca/databases_help/refworks/index.cfm. 2:00 p.m. - 3:00 p.m. Rutherford Library South Computer Lab, 2-03.

University Teaching Services (UTS) iPod or 'boombox' and Tablet PC or 'Etch-a-Sketch': Tools for Student Engagement? This session will look at the capabilities of two technologies that have matured over the past several years and consider the possibilities for student engagement both within and beyond the classroom. Whether you're on the leading edge of using technology, or wary of the pitfalls of focusing on the technology rather than the learning, you will hear of some interesting applications Presenter: Jim Boyes, Faculty of Extension Please register for this session at www.ualberta.ca/~uts 3:30 p.m. - 5:00 p.m. CAB 243.

Acing the Interview for Students in Arts and Business The focus of this workshop is on how to prepare effectively for a job interview and how to respond to interview questions. Results from our employer survey about their practices and expectations regarding the interview process are included in this workshop. 4:30 p.m. - 6:00 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

FEB 8 2006

Stretching Out Your Business Muscles: What You Need to Know About Opening a Physio Clinic You know how to handle patients delicately and alleviate their pains, but do you know how to develop a strong private practice? Learn how to build a business from the group up - including important information on incorporation, taxes, dealing with contracts, and other tips to make opening a clinic a pain free experience. Free of charge. Drop into CaPS office, 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Departmental Seminar The Department of Biological Sciences is pleased to welcome Dr. Anthony De Tomaso, Hopkins Marine Station of Stanford University, as a speaker for the 2005-2006 Departmental Seminar Series. De Tomaso will present his seminar, entitled "Transplantation, Regeneration and Parasitic Stem Cells: the Strange Life of a Primitive Chordate". Refreshments will be served at 2:45. 3:00 p.m. 2-001 Engineering Teaching Learning Complex. http://www.biology.ualberta.ca/news_events/events/.

University Teaching Services (UTS) (A)Mazing Interactive Learning Research indicates that students who are actively involved in the learning process discover new ways to engage with course content and develop higher order thinking skills such as analysis, synthesis, and evaluation. Decision-making mazes are one way to actively involve students by providing them with a mechanism to apply the information and concepts learned in their courses. In this interactive session, you will have an opportunity to 'play' through a decision making maze and brainstorm ways you could use this teaching strategy in your classes. Presenters: Wendy Caplan, Faculty of Nursing and Bonita Bray, Academic Information Communication Technology (AICT) Please register for this session at www.ualberta.ca/~uts 3:00 p.m. - 4:30 p.m. CAB 243.

FEB 9 2006

Agape Learning Over Lunch: Social Justice Video Series AGAPE - A Sex, Sexual, and Gender Differences in Education and Culture Focus Group in the Faculty of Education, University of Alberta 2005 - 2006 Learning Over Lunch: Social Justice Video Series (Free Admission) Today's Video Presentation: "Starting Small: Teaching Children Tolerance? Through lively classroom footage, teacher interviews, commentary from early childhood specialists, and the vivid voices of children, this video explores five exemplary equity education programs as examples of ways to foster a respect for differences. For more information contact Dr. André P. Grace at andre.grace@ualberta.ca or Kris Wells at kwells@ualberta.ca or Agape Project Office at 492-0772. 12:00 p.m. - 1:00 p.m. 7-102 Education North Education Centre. http://www.uofaweb.ualberta.ca/education/pdfs/agape2005_2.pdf.

Building a Business: Entrepreneurial Information for Engineers You've always been good at building things, but do you know how to build a successful future as an entrepreneur? Get the facts on starting a business, including important information on incorporation, taxes, payroll, and other relevant financial matters that will ensure your future company will be built on solid ground. Free of charge. Drop into CaPS office, 12:35 p.m. - 1:20 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

Piano Masterclass Piano Masterclass. Visiting Artist Kyoko Hashimoto, McGill University. 3:30 p.m. Studio 27, Fine Arts Building.

University Teaching Services (UTS) Using Writing to Promote Student Engagement Writing is an often overlooked, yet extremely powerful technology for engaging students with course materials, and with their own thoughts and ideas. Still, many instructors shy away from using writing either because it is not conventional in their fields, or because of large class sizes. This session focuses on the benefits that accrue to students when writing tasks are integrated into their courses, and provides concrete strategies for integrating writing in a range of disciplines and classroom contexts without overburdening instructors. Presenter: Mo Engel, Arts Resource Centre Please register for this session at www.ualberta.ca/~uts 3:30 p.m. - 5:00 p.m. CAB 243.

Acing the Interview for Students in Engineering The focus of this workshop is on how to prepare effectively for a job interview and how to respond to interview questions. Results from our employer survey about their practices and expectations regarding the interview process are included in this workshop. 5:00 p.m. - 6:30 p.m. 4-02 SUB. <http://www.ualberta.ca/caps>.

2006 President's Reception ~ Calgary The Honourable James Edwards (Chair of the Board of Governors) & Dick Wilson (President of the Alumni Association) along with Calgary community leaders Allan Markin, Gerry Maier, Gerry Protti, Darlene Switzer Foster, & Craighton and Irene Twa invite U of A alumni living in Calgary and their guest to the 2006 President's Reception. Meet President Indira V. Samarasekera and hear her inspiring message about the future of education in Alberta. Reception will be held from 5-7 p.m. Formal program: 5:30-5:45 p.m. The Devonian Room, Calgary Petroleum Club. Please confirm your attendance before Friday, Feb. 3, by calling Carol (toll-free) at 1-800-661-2593 or register online at www.ualberta.ca/ALUMNI/calgaryfeb2006.

FEB 9 - 18 2006

Studio Theatre presents Shakespeare's As You Like It 2006 Mary Mooney Distinguished Visiting Artist Director Dean Gilmour Guest Designer David Lovett Studio Theatre brightens up the season of flying snow with one of Shakespeare's greatest comedies, As You Like. Advance tickets available through TIX on the Square 420.1757 or online at www.tixonthesquare.ca. Walk-up tickets available at the Timms Centre Box Office one hour prior to curtain, for that day's performance only. Matinee performances Tuesday, February 14 and Thursday, February 16 at 12:30 pm. No performance Sunday, February 12, 2006. 8:00 p.m. Timms Centre for the Arts. <http://www.uofaweb.ualberta.ca/drama/studiotheatre.cfm>.

FEB 10 2006

University Teaching Services (UTS) Interactive Media: A Panel Discussion The process of developing interactive course content is fraught with danger; but if it is done well it can result in untold personal and professional rewards. This panel of course and media design experts discusses the benefits and challenges of designing interactive media for student engagement that considers the pedagogy, technology, and delivery of content in a student centered environment. Presenters: A Media Developer, Instructional Designer, Evaluator and Instructor Please register for this session at www.ualberta.ca/~uts 12:00 p.m. - 1:00 p.m. CAB 219.

Developing a business plan that works All successful businesses need a plan. Learn the basics of developing a business plan-what components should be included and what resources are available to assist you with writing your plan. Free of charge. Drop into CaPS office, 2-100 SUB. 12:05 p.m. - 12:50 p.m. 2-100 SUB. <http://www.ualberta.ca/caps>.

"Computational modelling of human energy metabolism: a conceptual framework for understanding obesity and cachexia" Visiting speaker seminar by Dr. Kevin Hall, Investigator, Laboratory of Biological Modelling, NIDDK, NIH 3:00 p.m. - 4:30 p.m. Classroom D WMC.

Pandas Basketball Pandas vs. Lethbridge. 6:30 p.m. Main Gym Van Vliet Physical Education and Recreation Centre . www.cubsclub.ualberta.ca .

Pandas Hockey Pandas vs. UBC. 7:00 p.m. Clare Drake Arena Van Vliet Physical Education and Recreation Centre . www.cubsclub.ualberta.ca .

Visiting Artist Recital Visiting Artist Recital Kyoko Hashimoto, piano McGill University 8:00 p.m. Arts Building/Convocation Hall .

Bears Basketball Bears vs. Lethbridge 8:15 p.m. Main Gym Van Vliet Physical Education and Recreation Centre. www.cubsclub.ualberta.ca .

ads

Ads are charged at \$0.65 per word. Minimum charge: \$6.50. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax, mail or email provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

ACCOMMODATIONS FOR RENT

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RIVERBEND Henderson Estates/Eagle Ridge – Executive Home steps from the ravines and walking trails, easy access to great schools, shopping, the freeway w/easy access to the airport, 4 bdrm, 2 storey, fully finished bsmt, media room, 3,039 sq. ft. Avail Dec 1/05 til June 1/06 \$2000/month. Call Janet Fraser 441-6441 Gordon W.R. King & Assoc. Real Estate Corp.

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WALK TO UNIVERSITY SABBATICAL HOME, furnished, 2,000+ sq. ft., custom built, quiet street January – December, 2006 (780) 492-5002, marty.luckert@ualberta.ca.

FURNISHED SABBATICAL HOUSE 4 bedrooms, available Jan 1st, \$1,100/month + utilities. Southgate/Heritage area convenient bus to U of A. peter.a.smith@ualberta.ca.

HOLIDAY RENTALS MEDIEVAL HOUSE OR STUDIO APARTMENT South of France near Montpelier (780) 433-9602, salliejohnson@shaw.ca.

COMPLETELY RENOVATED BUNGALOW IN PARKALLEN for rent (\$1,200 plus utilities). Ideal for

one/two people. Polite/peaceful lifestyle, no smoking, no noise/music outside. Pets/plants welcome if treated with TLC. Phone 438-6511 for interview/appointment. Please leave message.

YELLOWBIRD (103 Street and 21 Ave) clean 4 bedroom 4 level split house with 3 bathrooms – Newly renovated. Fully finished basement. Great backyard. Easy bus route to university. Close to airport, shopping-centre and other amenities. \$1,400/month plus utilities. Available Feb 1, 2006. 433-6706 Cindy.

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RIVERBEND - Bulyea Heights "Volga" built. Exceptional 2 storey 4 bedroom huge dining room and living room, family room with fireplace and view to gorgeous backyard, basement is fully finished with rec room, bedroom, and full bath. Laundry is in basement but could be on main floor as hook-up is there as well. Call to view. Janet Fraser 441-6441. Gordon W.R. King & Assoc. Real Estate.

EXECUTIVE 6 BEDROOM RAISED BUNGALOW near university. Pictures and virtual tours at www.comfree.com Edmonton Code 5842. Call 436-2663.

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ACCOMMODATIONS WANTED

FORMER UOFA GRADUATE STUDENT SEEKS HOUSESIT for July and August 2006 to research in Edmonton. Will care for pets or plants. Local references can be provided. Please contact svint@stfx.ca.

SERVICES

CASH PAID for quality books. Edmonton Book Store, 433-1781. www.edmontonbookstore.com ALWAYS WANTED TO BE A MARTIAL ARTIST? Why wait another day? Call: Northern River Karate School 707-3693 to watch a class! www.three-battles.com.

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- Alberta has been awarded 157 Canada Research Chairs
- Since 1998, the Canada Foundation for Innovation has funded 407 projects in Alberta for a total value of over \$243 million
- In 2004/05, the Social Sciences and Humanities Research Council of Canada supported approx. 535 projects through an investment of over \$21.3 million

A Liberal government will also:

- increase the budgets of the research Granting Councils by at least \$425 million over the next five years
- nearly double support for the indirect costs of research, allocating \$1.2 billion
- invest a further \$500 million to sustain the Canada Foundation for Innovation in funding leading-edge research facilities in universities and research hospitals over the next five years
- provide \$160 million over the next five years to support the creation of large-scale integrated facilities that bring together university and private sector researchers
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ASSISTANT PROFESSOR, PHILOSOPHY (CONTRACT POSITION) ST. JOSEPH'S COLLEGE

St. Joseph's College, the Roman Catholic undergraduate college at the University of Alberta, invites applications for a 60% 5-year contractually limited academic position at the Assistant Professor level to teach Philosophy courses for first-year BA students offered as part of Academia, a new pilot program with the Faculty of Arts to begin September 2006, as well as other Philosophy courses offered by St. Joseph's College. The teaching load is 3 half-year courses, with the possibility of Spring or Summer teaching for additional remuneration. Further information concerning Academia may be obtained at our website: www.ualberta.ca/~stjoseph. Applicants should have a completed doctorate in Philosophy (ABDs may be considered at the Lecturer rank), teaching experience and excellent communication skills, a commitment to undergraduate education in the Catholic tradition, and a publication record/potential for research. Appointment date is July 1, 2006. This position may be converted to tenure stream at a later date, subject to budgetary approval. Salary is \$30,000. Applicants should submit a letter of application indicating their interest in and qualifications for this position, cv, other supporting documents (teaching dossier, publications, etc.), and arrange for 3 confidential letters of reference to be received by Feb. 13th, 2006 to: Dr. T.F. Hartnagel, Dean, St. Joseph's College, University of Alberta, Edmonton, AB, T6G 2J5. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

CLINICAL TRACK TEACHING APPOINTMENTS DEPARTMENT OF PHYSICAL THERAPY FACULTY OF REHABILITATION MEDICINE UNIVERSITY OF ALBERTA

Applications are invited for several full time clinical track positions in the Department of Physical Therapy at the University of Alberta.

Preference will be given to qualified applicants who have an interest in teaching in one or more of the following areas: respiratory, musculoskeletal or neurological physical therapy.

As a department in the Faculty of Rehabilitation Medicine, Physical Therapy offers an innovative course based M.Sc.PT program that integrates strong clinical and evidence based practice skills. The department also participates fully in the interdisciplinary M.Sc. and PhD. programs in Rehabilitation Science. The Department currently consists of sixteen full time faculty members.

Applicants must be eligible for licensure with the College of Physical Therapists of Alberta and possess a minimum of a Master's degree (Ph.D or equivalent doctoral degree preferred). These positions will support graduate level teaching and therefore indicators of course development and teaching proficiency are required. The initial appointment is at the Assistant Professor level and salary will be commensurate with experience. These teaching appointments may include an affiliation with a clinical facility. For details about the positions or the Department contact Dr. R.G. Haennel (Chair) at Bob.Haennel@ualberta.ca or Tel (780) 492-2889. Website: <http://www.uofaweb.ualberta.ca/rehabmed/PhysicalTherapy.cfm>

Applications will be accepted until the positions are filled. The positions are available as soon as suitable candidates are found. Qualified applicants should send their curriculum vitae, a statement of teaching interests and the names of three (3) references to:

Dr. A. Cook, Dean
Faculty of Rehabilitation Medicine
3-48 Corbett Hall, University of Alberta
Edmonton, Alberta, Canada, T6G 2G4
Phone: 780-492-5991 Fax: (780) 492-1626
e-mail: Al.Cook@ualberta.ca

TENURE TRACK FACULTY POSITIONS DEPARTMENT OF PHYSICAL THERAPY FACULTY OF REHABILITATION MEDICINE UNIVERSITY OF ALBERTA

Applications are invited for two tenure track positions in the Department of Physical Therapy at

the University of Alberta. For one position preference will be given to qualified applicants who have an interest in Aging. The second position is open to all areas of research related to physical therapy.

As a department in the Faculty of Rehabilitation Medicine, Physical Therapy offers an innovative course based M.Sc.PT program that integrates strong clinical and evidence based practice skills. The department also participates fully in the interdisciplinary M.Sc. and PhD. programs in Rehabilitation Science. The Department currently consists of sixteen full time faculty members. Within the Faculty there are interdisciplinary research groups focused on common spinal disorders, movement disorders and rehabilitation, child development and aging. Opportunities for research collaboration are also available on campus with the Alberta Centre on Aging, the University Centre for Neuroscience, the Institute of Health Economics, the Alberta Heart Institute, the Alberta Provincial CIHR Training Program in Bone and Joint Health, the Centre for Health Promotion Studies, the Community University Partnership for the Study of Children Youth and Families and the Health Care Quality Outcomes Research Centre. Close working relationships also exist with the Glenrose Rehabilitation Hospital and other community-based physical therapy programs.

Qualified candidates will possess a doctoral degree in health sciences, social sciences or related disciplines; have a strong research background and the potential to establish an independent research program. For both positions a background in physical therapy is preferred. Evidence of successful grant applications will be advantageous. Responsibilities will include teaching at the graduate level and maintaining an active research program. For details about the positions or the Department contact Dr. R.G. Haennel (Chair) at Bob.Haennel@ualberta.ca or Tel (780) 492-2889. Website: <http://www.uofaweb.ualberta.ca/rehabmed/PhysicalTherapy.cfm>

Rank and salary will be commensurate with qualifications at the Assistant Professor level. Applications will be accepted until the positions are filled. The positions are available as soon as suitable candidates are found. Interested applicants should send curriculum vitae and a statement of teaching and research interests and the names of three (3) references to:

Dr. Albert Cook, Dean
Faculty of Rehabilitation Medicine
3-48 Corbett Hall, University of Alberta
Edmonton, Alberta, Canada T6G 2G4
Phone: 403-492-5991/ Fax: 403-492-1626
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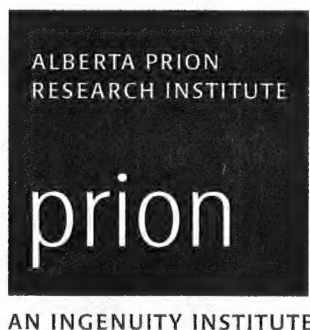
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INTERNATIONAL



ON MAY 20, 2003, ALBERTA'S BEEF INDUSTRY CHANGED OVERNIGHT.

As the primary player in Canada's export beef industry, Alberta was hit extremely hard by the discovery of a cow on an Alberta farm with BSE (bovine spongiform encephalopathy). Though the provincial government has stringent testing in place for BSE, there is still much to be done to understand and prevent this and other prion-related diseases.

Alberta is now home to the Alberta Prion Research Institute, a \$35 million investment from the Government of Alberta to help the province become a world leader in prion research. The Prion Institute is recruiting top researchers and is building partnerships with industry, academic researchers and public policy makers to provide Alberta-based solutions to global prion-related issues affecting animal and human health.



Alberta Prion Research Symposium

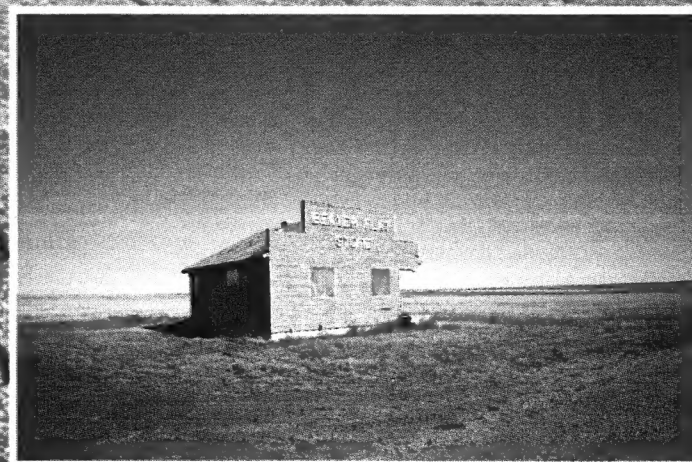
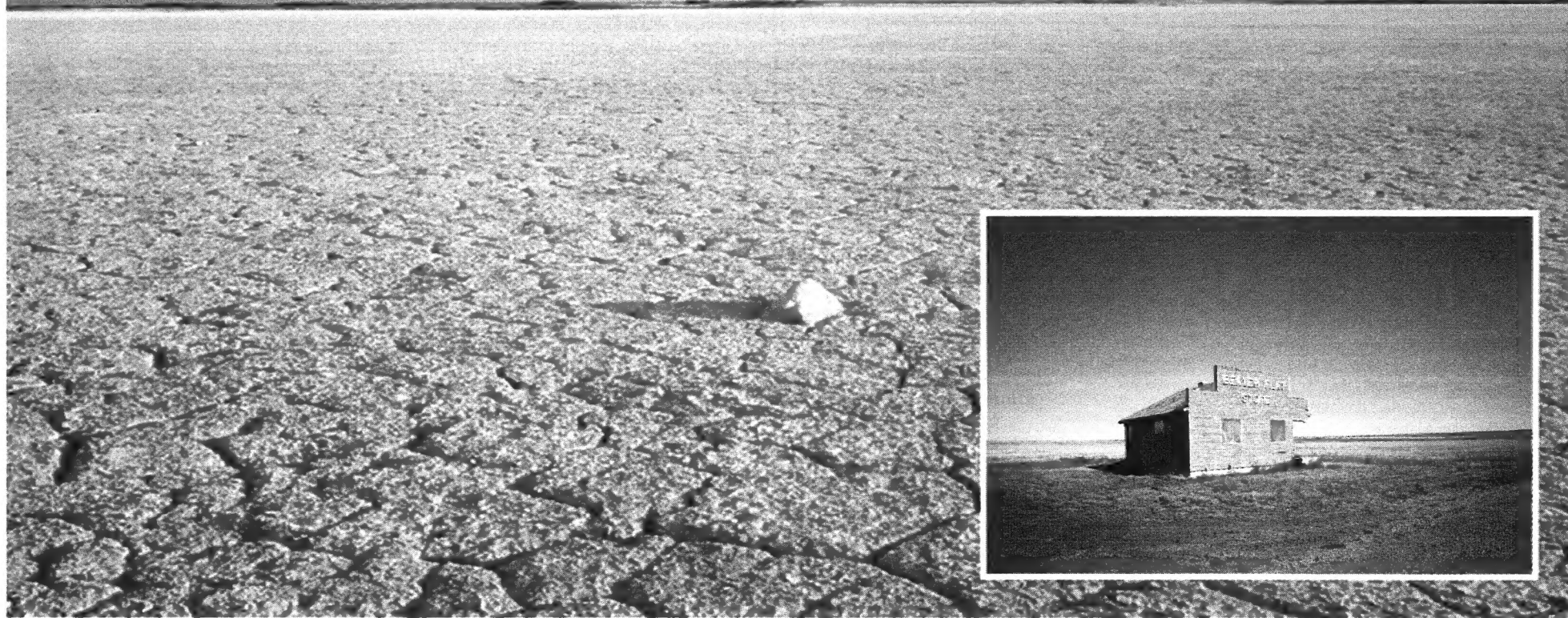
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8:00 a.m. to 4:00 p.m.
Calgary, Alberta

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RSVP to: prion@albertaingenuity.ca
For more information, call (780) 429-7651

Details at www.albertaingenuity.ca

Visit scenic Saskatchewan



The bald prairie never looked so good

By Richard Cairney

It's been proven time and again in any number of artistic ventures: where there seems to be nothing, look more closely and you'll find beauty beyond compare. Such is the case with an entire province, our much-maligned and misspelled neighbour, Saskatchewan.

Anyone who has made the drive from Edmonton to Regina, from capital city to capital city, knows of the crushing boredom and the various physical aches that

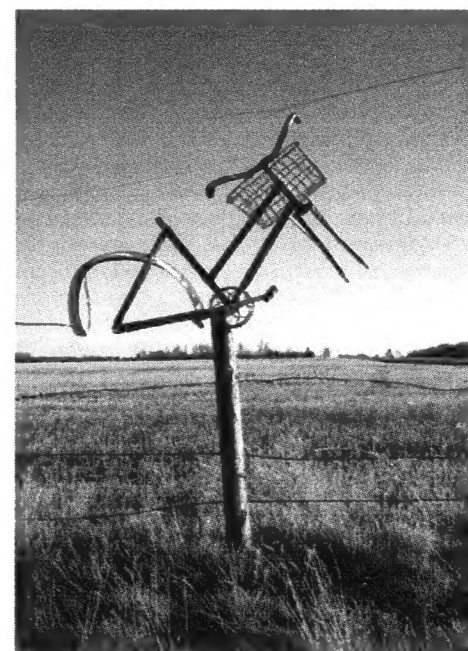
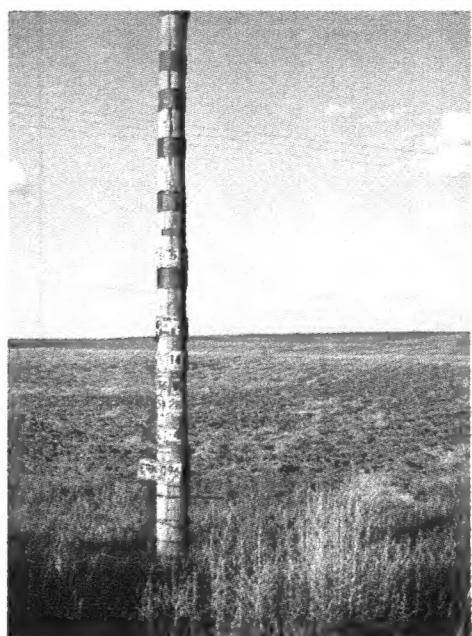
can set in.

But talking about a place and driving through it are not the same as really looking at it and experiencing a landscape. Says Saskatchewan writer Sharon Butala: "Is there any place in the country so subject to comfortably-believed, derogatory myths about its lack of beauty, its flatness, its general hickness, and its dullness as Saskatchewan? Not in my experience . . ."

Butala's is one of four essays that

accompany 61 stunning images in photographer John Conway's new book, *Saskatchewan Uncommon Views*, published by the University of Alberta Press.

With photographs taken over a period of 12 years, Conway presents us with images we might not look at twice if we were to drive past them. Conway slows us down, grounds us, and pulls back the curtain to show us landscapes with character and personality of place. ■



Top: Salt flats at Pamela Wallin walk (named for the Canadian broadcaster, who was born and raised in the Quill Lakes area) follow a wet-dry cycle, as do many marshes and sloughs. Top inset: The defunct Beaver Flat Store, near Beaver Flat. Middle row, left – right: old licence plates adorn a power pole in the rural municipality of Big Stick; the sky, airplane and terrain seem to go on forever, near Conquest: An old bicycle frame adds a little mystery to the landscape near Lost River. Below: Shirl has done upholstery work out of her mobile home, near Domremy, for 25 years.



folio **back**
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